

## **APPENDIX C – 2014 ASBESTOS SURVEY UPDATES**



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re:           2014 Asbestos Survey Update  
              Water and Waste Shop Office Buildings  
              552 Plinguet Street, Winnipeg, MB  
              Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the 552 Plinguet Street Water and Waste Shop Office Buildings. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed and subsequent survey update reports by Pinchin Ltd. The original survey report for the 552 Plinguet Street Water and Waste Shop Office Buildings was dated March 6, 2007. The results of the original report and subsequent survey update reports were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the 552 Plinguet Street Water and Waste Shop Office Buildings where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online.

Updated HMIS data sheets are attached.

No bulk samples were collected.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the 552 Plinguet Street Water and Waste Shop Office Buildings. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report,

but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the 552 Plinguet Street Water and Waste Shop Office Buildings was completed by Lambert Cruz of Pinchin Environmental Ltd. on October 8, 2014.

## FINDINGS

### Pipe Systems

Asbestos-containing pipe insulation in the Garage West (Location No. 19) and Garage Boiler Room (Location No. 20) is generally maintained in **GOOD** condition with a minor amount rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Garage West (Location No. 19)	2 lineal feet of domestic hot water pipe insulation rated in <b>FAIR</b> condition
Garage West (Location No. 19)	1 lineal foot of domestic cold water pipe insulation rated in <b>FAIR</b> condition
Garage West (Location No. 19)	6 lineal feet of steam supply pipe insulation rated in <b>FAIR</b> condition
Garage Boiler Room (Location No. 20)	1 lineal foot of steam supply pipe insulation rated in <b>FAIR</b> condition

### Asbestos Cement Panels

Asbestos cement ceiling panels in the Garage Boiler Room, Garage Men's Locker Room, Garage Hallway (Location Nos. 20, 27 and 28, respectively) and asbestos cement wall panels in the Garage Hallway (Location No. 28) and Garage Vestibule (Location No. 30) are generally maintained in **GOOD** condition with a minor amount rated in **FAIR** condition.

The following damage was noted during the 2014 update:

<b>Location</b>	<b>Quantity and Condition of Damage</b>
Garage Men's Locker Room (Location No. 27)	Approximately 20 square feet of transite ceiling rated in <b>FAIR</b> condition
Garage Hallway (Location No. 28)	Approximately 5 square feet of transite ceiling rated in <b>FAIR</b> condition

### **Vinyl Sheet Flooring**

Asbestos-containing vinyl sheet flooring in the Garage Closet (Location No. 26) and Garage Men's Locker Room (Location No. 27) is generally maintained in **GOOD** condition with minor amount rated in **FAIR** condition.

The following damage was noted during the 2014 update:

<b>Location</b>	<b>Quantity and Condition of Damage</b>
Garage Men's Locker Room (Location No. 27)	Approximately 1 square foot of vinyl sheet flooring rated in <b>FAIR</b> condition

### **Vinyl Floor Tiles**

Vinyl floor tiles in the Sewer Garage Gym, Sewer Garage Mechanical Room, Sewer Garage Office, Garage Hallway and Garage Vestibule (Location Nos. 2, 3, 8, 28 and 30) are generally maintained in **GOOD** condition with a minor amount rated in **FAIR** and **POOR** condition.

The following damage was noted during the 2014 update:

<b>Location</b>	<b>Quantity and Condition of Damage</b>
Sewer Garage Gym (Location No. 2)	12 floor tiles rated in <b>FAIR</b> condition and 8 floor tiles rated in <b>POOR</b> condition
Garage Hallway (Location No. 28)	43 floor tiles rated in <b>FAIR</b> condition and 2 floor tiles rated in <b>POOR</b> condition
Garage Vestibule (Location No. 30)	4 floor tiles rated in <b>FAIR</b> condition and 1 floor tile rated in <b>POOR</b> condition

## Vermiculite

Hollow core block walls are suspect to contain vermiculite insulation.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below.

1. Remove/replaced/repair following Type 1 asbestos procedures the following:
  - Approximately 1 square foot of vinyl sheet flooring rated in **FAIR** condition in the Garage Men's Locker Room (Location No. 27);
  - 12 vinyl floor tiles rated in **FAIR** condition and 8 vinyl floor tiles rated in **POOR** condition in the Sewer Garage Gym (Location No. 2);
  - 1 vinyl floor tile rated in **POOR** condition in the Sewer Garage Office (Location No. 8);
  - 43 vinyl floor tiles rated in **FAIR** condition and 2 vinyl floor tiles rated in **POOR** condition in the Garage Hallway (Location No. 28); and
  - 4 vinyl floor tiles rated in **FAIR** condition and 1 vinyl floor tile rated in **POOR** condition in the Garage Vestibule (Location No. 30).
2. Repair using canvas and lagging the following:
  - 2 lineal feet of domestic hot water pipe insulation rated in **FAIR** condition in Garage West (Location No. 19);
  - 1 lineal foot of domestic cold water pipe insulation rated in **FAIR** condition in Garage West (Location No. 19);
  - 6 lineal feet of steam supply pipe insulation rated in **FAIR** condition in Garage West (Location No. 19); and
  - 1 lineal foot of steam supply pipe insulation rated in **FAIR** condition in Garage Boiler Room (Location No. 20).
3. Vacuum loose pieces and encapsulate the remaining edges of the broken transite ceilings in the following locations:
  - Approximately 20 square feet of transite ceiling rated in **FAIR** condition in the Garage Men's Locker Room (Location No. 27); and
  - Approximately 5 square feet of transite ceiling rated in **FAIR** condition in the Garage Hallway (Location No. 28).

- 
- 4. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.
- 5. Prior to making holes in hollow core block walls conduct testing to verify the presence of asbestos-containing vermiculite.

I trust you will find the above in order. Should you have any questions, please call.

**Pinchin Ltd.**

Prepared by:

Reviewed by:



W2014-441

per: Ken Brydges, C.E.T, LEED GA  
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W2014-424

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - 552 Plinguet - 2014 Survey Update - November 26, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft: 14000</b>					
<b>Location #: 1</b>		<b>Location Name: Sewer Garage - Garage</b>						<b>Floor: M</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling	Not Found											None	
Walls		Masonry										None	
Structure	Beam	Metal										None	
Piping	All	Not Insulated										None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Not Found											None	
Other	Not Found											None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>										
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>														
<b>Location #: 2</b>		<b>Location Name: Sewer Garage - Gym</b>		<b>Floor: 2</b>		<b>Room #:</b>			<b>Square ft: 2100</b>							
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	2080	(7)	12	(7)	8	(3)	SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	Not Found													NINI	None	
Walls		Masonry												NINI	None	
Structure	Beam	Metal												NINI	None	
Piping	Not Found													NINI	None	
Duct	Not Found													NINI	None	
Mechanical Equipment	Not Found													NINI	None	
Other	Not Found													NINI	None	

Note: vermiculite suspect to be present inside masonry block walls

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 3                      **Location Name:** Sewer Garage -                      **Floor:** 2                      **Room #:**                      **Square ft:** 100  
**Mechanical Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	100	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam	Metal									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Combustion Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Mechanical Equipment	Furnace	Not Insulated									NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 4                      **Location Name:** Sewer Garage - Men's Floor: M                      **Room #:**                      **Square ft:** 144  
**Washroom**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	144				SF	V0000	None	
Ceiling		Drywall											None	
Walls		Drywall											None	
Structure	N/A											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 5                      **Location Name:** Sewer Garage -                      **Floor:** M                      **Room #:**                      **Square ft:** 210  
**Hallway**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	210			SF	V0000	None	
Ceiling		Drywall	Surface	N/A	C	N	210			SF	V0000	None	
Ceiling	AT-001 - Pinholes with irregular shaped fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	70			%	S0001	None	
Ceiling	AT-002 - Pinholes with long fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	30			%	S0002	None	
Walls		Drywall										None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 6                      **Location Name:** Sewer Garage -                      **Floor:** M                      **Room #:**                      **Square ft:**  
**Janitor's Closet**

**No access to room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				

Note: No Access To Room. vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 7                      **Location Name:** Sewer Garage -                      **Floor:** M                      **Room #:**                      **Square ft:** 240  
**Kitchen**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	240			SF	V0000	None	
Ceiling	AT-001 - Pinholes with irregular shaped fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	220			SF	V0001	None	
Ceiling	AT-002 - Pinholes with long fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	20			SF	V0002	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>		<b>Location #:</b>		<b>Location Name: Sewer Garage - Office</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft:</b>	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	N/A	A	Y	57			SF	V0000	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	414	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	AT-002 - Pinholes with long fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	20			SF	V0002	None	
Ceiling	AT-001 - Pinholes with irregular shaped fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	471			SF	V0001	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: No Access to Room. Vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 9                      **Location Name:** Sewer Garage -                      **Floor:** M                      **Room #:**                      **Square ft:**  
**Hallway**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	240			SF	V0000	None	
Ceiling	AT-002 - Pinholes with long fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	N/A	C	Y	30			SF	V0002	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft: 3200</b>					
<b>Location #: 10</b>		<b>Location Name: Sewer - Hydrant Shop Floor: M</b>											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Drywall										None	
Walls		Metal Lath									NINI	None	
Walls		Wood									NINI	None	
Structure	Beam	Metal									NINI	None	
Piping	All	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Other	Not Found										NINI	None	

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**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 11                      **Location Name:** Sewer Shop - Meter      **Floor:** M                      **Room #:**                      **Square ft:** 1000  
**Test Shop**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Drywall									None		
Structure	Beam	Metal								NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 12                      **Location Name:** Sewer Garage - Stores    **Floor:** M                      **Room #:**                      **Square ft:** 2800  
**Garage**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Wood								NINI	None		
Structure	Steel Truss	Metal								NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Supply Air	Fibreglass	Surface	All Service Jacket	C	Y				NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

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**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

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**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 13                      **Location Name:** Sewer Garage - Stores **Floor:** M                      **Room #:**                      **Square ft:** 1400  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Wood								NINI	None		
Structure	Steel Truss	Metal								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:** 2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 14**                      **Location Name:** Sewer Garage - East      **Floor:** M                      **Room #:**                      **Square ft:** 100  
**Stairwell**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Walls		Wood								NINI		None	
Structure	N/A									NINI		None	
Piping	Not Found									NINI		None	
Duct	Not Found									NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	

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**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 15**                      **Location Name:** Sewer Garage - West      **Floor:** M                      **Room #:**                      **Square ft:** 100  
**Stairwell**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling		Drywall									None		
Walls		Drywall									None		
Walls		Wood								NINI	None		
Structure	N/A									NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft: 4800</b>					
<b>Location #: 16</b>		<b>Location Name: Garage - Garage East</b>				<b>Floor: M</b>							
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Joist	Wood									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 17                      **Location Name:** Garage - Garage                      **Floor:** M                      **Room #:**                      **Square ft:** 1200  
**Centre**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Steel Truss	Wood									NINI	None		
Piping	All	Not Insulated									NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 18**                      **Location Name:** Garage - Generator      **Floor:** M                      **Room #:**                      **Square ft:** 300  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling		Drywall									None		
Walls		Drywall									None		
Structure	N/A									NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Fresh Air Intake	Not Insulated								NINI	None		
Mechanical Equipment	Generator Exhaust	Not Insulated								NINI	None		
Mechanical Equipment	Generator Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>								
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>		<b>Location #: 19</b>		<b>Location Name: Garage - Garage West</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 2000</b>		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Masonry										NINI	None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Domestic Cold Water	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)			EA	V0005	Confirmed Asbestos Friable	
Piping	Domestic Hot Water	Aircell	Straight	Canvas	C	Y	88	(7)	2	(6)	LF	V0003	Confirmed Asbestos Friable	
Piping	Domestic Hot Water	Parging over Fibreglass	Fitting	Canvas	C	Y	9	(7)			EA	V0005	Confirmed Asbestos Friable	
Piping	Steam Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)			EA	S0005	Confirmed Asbestos Friable	
Piping	Domestic Cold Water	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	99	(7)	1	(6)	LF	S0004	Confirmed Asbestos Friable	
Piping	Steam Supply	Aircell	Straight	Canvas	C	Y	74	(7)	6	(6)	LF	S0003	Confirmed Asbestos Friable	
Duct	Supply Air	Fibreglass										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>								
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 20</b>		<b>Location Name: Garage - Boiler Room</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 150</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>					
Floor		Concrete(poured)									NINI	None		
Ceiling		Transite	Surface	Not Covered	C	Y	150	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Masonry									NINI	None		
Structure	N/A										NINI	None		
Piping	Condensate Return	Fibreglass	Straight	All Service Jacket	C	Y					NINI	None		
Piping	Condensate Return	Parging over Fibreglass	Fitting	Canvas	C	Y	21				EA	S0006	None	
Piping	Domestic Hot Water	Parging over Fibreglass	Fitting	Canvas	C	Y	5				EA	V0006	None	
Piping	Heating Water Return	Fibreglass	Straight	All Service Jacket	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3				EA	V0006	None	
Piping	Domestic Hot Water	Fibreglass	Straight	All Service Jacket	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3				EA	V0006	None	
Piping	Heating Water Supply	Fibreglass	Straight	All Service Jacket	C	Y					NINI	None		
Piping	Domestic Cold Water	Fibreglass	Straight	All Service Jacket	C	Y					NINI	None		
Piping	Domestic Cold Water	Parging over Fibreglass	Fitting	Canvas	C	Y	3				EA	V0006	None	
Piping	Steam Supply	Aircell	Straight	Canvas	C	Y	5	(7)	1	(7)	LF	V0003	Confirmed Asbestos	Friable
Piping	Steam Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	20				EA	V0006	None	
Duct	Combustion Air	Not Insulated									NINI	None		

Location continued on next page...

...Location continued from previous page

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>								
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 20</b>		<b>Location Name: Garage - Boiler Room</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 150</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>					
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	1				SF	S0007	None	
Mechanical Equipment	Boiler	Not Insulated										NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated										NINI	None	
Mechanical Equipment	Breeching	Fibreglass	Surface	All Service Jacket	C	Y						NINI	None	
Other	Not Found											NINI	None	

Note: vermiculite suspect to be present inside masonry block walls

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>								
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 21</b>		<b>Location Name: Garage - Office</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 306</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	306				SF	V0000	None	
Ceiling	AT-003 - Raised square surface with bumpy texture. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	306				SF	S0008	None	
Walls		Drywall											None	
Structure	Joist	Wood										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name:</b> 552 Plinguet Street		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-05-15							
<b>Reassessment Date:</b> 2014-10-08		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 22		<b>Location Name:</b> Garage - Hallway		<b>Floor:</b> M		<b>Room #:</b>		<b>Square ft:</b> 40					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Wood									NINI	None	
Walls		Masonry									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Combustion Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 23                      **Location Name:** Garage - Computer/Training Room                      **Floor:** M                      **Room #:**                      **Square ft:** 570

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Carpet									NINI	None		
Ceiling	AT-003 - Raised square surface with bumpy texture. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	570				SF	V0008	None	
Walls		Drywall											None	
Structure	Joist	Wood									NINI	None		
Piping	Not Found										NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 24</b>		<b>Location Name: Garage - Office</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 108</b>					
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Carpet									NINI	None	
Ceiling	AT-003 - Raised square surface with bumpy texture. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	108			SF	V0008	None	
Ceiling	AT-004 - Large holes. Surface Beige. Cross Section Beige/Brown.	Glued-on ceiling tiles	Surface	Not Covered	C	N	108			SF	S0009	None	
Walls		Drywall										None	
Structure	Joist	Wood									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:** 2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 25**                      **Location Name:** Garage - Women's                      **Floor:** M                      **Room #:**                      **Square ft:** 40  
**Washroom**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	Not Covered	A	Y	40	(7)		SF	S0010	Presumed Asbestos	Non-Friable
Ceiling		Drywall										None	
Walls		Drywall										None	
Walls		Ceramic Tiles									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Exhaust	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft: 25</b>					
<b>Location #: 26</b>		<b>Location Name: Garage - Closet</b>		<b>Floor: M</b>									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	Not Covered	A	Y	25	(7)		SF	V0011	Confirmed Asbestos	Non-Friable
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:** 2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 27                      **Location Name:** Garage - Men's Locker Floor: M                      **Room #:**                      **Square ft:** 864  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	Not Covered	A	Y	863	(7)	1	(7)	SF	S0011	Confirmed Asbestos	Non-Friable
Ceiling	AT-001 - Pinholes with irregular shaped fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	512				SF	V0001	None	
Ceiling		Transite	Surface	Lay-in ceiling tiles	C	N	274	(7)	20	(7)	SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	AT-002 - Pinholes with long fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	128				SF	V0002	None	
Ceiling	AT-003 - Raised square surface with bumpy texture. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	224				SF	V0008	None	
Walls		Masonry										NINI	None	
Walls		Drywall											None	
Structure	Joist	Wood										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	
Other	Debris	Abated Material	Surface	N/A	C	Y					SF	V9000	[None]	

Note: vermiculite suspect to be present inside masonry block walls. Approximately 5 sq feet of debris in total found on top of ceiling tiles



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
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<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-05-15</b>									
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 28</b>		<b>Location Name: Garage - Hallway</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 230</b>			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action					Units	Sample	Hazard	Friability	
							Good	Fair	Poor							
Floor		VAT and Mastic Adhesive	Surface	Not Covered	A	Y	185	(7)	43	(7)	2	(3)	SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	AT-001 - Pinholes with irregular shaped fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	80						%	V0001	None	
Ceiling		Transite	Surface	Lay-in ceiling tiles	C	N	225	(7)	5	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	AT-002 - Pinholes with long fissures. White Surface. Grey Cross Section.	Lay-in ceiling tiles	Surface	Not Covered	C	Y	20						%	V0002	None	
Walls		Drywall													None	
Walls		Transite	Surface	Drywall	A	N	176	(7)					SF	V9000	Confirmed Asbestos	Non-Friable
Structure	N/A													NINI	None	
Piping	All	Fibreglass	Surface	All Service Jacket	C	Y								NINI	None	
Duct	Not Found													NINI	None	
Mechanical Equipment	Not Found													NINI	None	
Other	Not Found													NINI	None	
Other	Debris	Abated Material	Surface	N/A	C	N							SF	V9000	[None]	

Note: vermiculite suspect to be present inside masonry block walls. Vinyl floor tiles are recommended for removal due to floor depletion underneath (water seepage - VFT starting to pop up)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:** 2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 29                      **Location Name:** Garage - Men's                      **Floor:** M                      **Room #:**                      **Square ft:** 96  
**Shower/Washroom**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling		Plaster	Surface	N/A	C	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Drywall										None	
Walls		Ceramic Tiles									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: vermiculite suspect to be present inside masonry block walls



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: 552 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-15</b>										
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>														
<b>Location #: 30</b>		<b>Location Name: Garage - Vestibule</b>		<b>Floor: M</b>		<b>Room #:</b>				<b>Square ft: 20</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		VAT and Mastic Adhesive	Surface	Not Covered	A	Y	15	(7)	4	(7)	1	(3)	SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	AT-004 - Large holes. Surface Beige. Cross Section Beige/Brown.	Glued-on ceiling tiles	Surface	Not Covered	C	Y	20						SF	V0009	None	
Walls		Wood												NINI	None	
Walls		Transite	Surface	Drywall	A	N	32	(7)					SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Joist	Wood												NINI	None	
Piping	Not Found													NINI	None	
Duct	Not Found													NINI	None	
Mechanical Equipment	Not Found													NINI	None	
Other	Not Found													NINI	None	

Note: vermiculite suspect to be present inside masonry block walls. Vinyl floor tiles are recommended for removal due to floor depletion underneath (water seepage - VFT starting to pop up)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 552 Plinguet Street  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** 552 Plinguet Street                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-15  
**Reassessment Date:**2014-10-08                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 31                      **Location Name:** Sewer Garage -                      **Floor:** 2                      **Room #:**                      **Square ft:** 4200  
**Storage**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Wood								NINI	None		
Structure	Beam	Metal								NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Fibreglass	Surface	All Service Jacket	C	Y				NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		

Note: vermiculite suspect to be present inside masonry block walls



**Legend:**

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
Water and Waste Shop Office Buildings  
598 Plinguet Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the 598 Plinguet Street Water and Waste Shop Office Buildings. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey updates completed by Pinchin Ltd. The original survey report for this 598 Plinguet Street Water and Waste Shop Office Buildings was dated March 6, 2007. The results of the original report and subsequent survey update report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the 598 Plinguet Street Water and Waste Shop Office Buildings where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

Six bulk samples were collected. Please reference the attached Lab ID 1420568.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the 598 Plinguet Street Water and Waste Shop Office Buildings. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original and subsequent survey update reports. The original reports must be referenced when analyzing this report.

The survey update for the 598 Plinguet Street Water and Waste Shop Office Buildings was completed by Lambert Cruz of Pinchin Ltd. on October 8, 2014.

## FINDINGS

### Pipe Systems

Parging cement from 1 fitting on the steam supply line was removed from within Mechanical Shop Carpenter Shop (Location No.6).

All remaining asbestos-containing pipe insulation within the Mechanical Shop Auto Shop (Location No. 3), Mechanical Shop Locomotive Shop (Location No. 4), Mechanical Shop Carpenter Shop (Location No. 6) and Mechanical Shop Boiler Room (Location No. 10) have been maintained in **GOOD** condition.

### Mechanical Insulation

Asbestos-containing insulation on the boiler breeching in the Mechanical Shop Boiler Room (Location No. 10) has been generally maintained in **GOOD** condition with a minor amount rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Mechanical Shop Boiler Room (Location No. 10)	5 linear feet of boiler breeching insulation rated in <b>FAIR</b> condition and 1 linear feet of boiler breeching insulation rated in <b>POOR</b> condition
Mechanical Shop Boiler Room (Location No. 10)	2 SF of parging debris was identified on the floor adjacent the damage.

### Hard Plasters (deck)

Plaster on the underside of the ceiling (deck) within the Station Building which was previously identified as suspect to contain asbestos was determined to be non-asbestos by analysis of Sample Nos. 0002 A-C.

Please reference the attached Lab ID 1420568.

### **Vinyl Floor Tiles**

Vinyl floor tiles present within the Meter Shop Office (Location No. 27) previously identified as suspect to contain asbestos were determined to be non-asbestos by analysis of Sample Nos. 0001 A-C.

### **RECOMMENDATIONS**

Based on the findings of our investigation, our recommendations are as noted below:

1. Proactive removal of the boiler breeching insulation in the Mechanical Shop – Boiler Room (location No. 10) since 1 square foot of insulation is in **POOR** condition already.
2. Repair using canvas and lagging, the following:
  - 6 linear feet of boiler breeching insulation in the Mechanical Shop - Boiler Room (Location No. 10).
3. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### **Pinchin Ltd.**

Prepared by:



W2014-134

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

95079 - COWWWD - 598 Plinguet - 2014 Survey Update - November 21, 2014

Attach.

Reviewed by:



W2014-417

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Mechanical Shop -      **Floor:** Second-Mechanical Shop      **Room #:**      **Square ft:** 350  
**Foreman's Office**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	N/A											None	
Walls		Masonry										None	
Structure	N/A						800					None	
Piping	Not Found						800					None	
Duct	Not Found											None	
Mechanical Equipment	Not Found											None	
Other	Not Found											None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 2     **Location Name:** Mechanical Shop - Oil     **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 150  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling		Drywall									None		
Walls		Masonry								NINI	None		
Walls		Drywall									None		
Structure	N/A									NINI	None		
Piping	Domestic Water (Hot & Cold)	Not Insulated								NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 3      **Location Name:** Mechanical Shop - Auto Shop      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 2500

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal	Surface	Styrofoam	C	Y				NINI	None		
Piping	Steam Supply	Abated Material	Fitting	Canvas	C	Y			EA	S0001	[None]		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 4     **Location Name:** Mechanical Shop - Locomotive Shop     **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 7500

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Wood									NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Wood									NINI	None		
Piping	Steam Supply	Aircell	Straight	Canvas	C	Y	1	(7)		LF	S0002	Confirmed Asbestos	Friable	
Piping	Steam Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	13	(7)		EA	V0001	Confirmed Asbestos	Friable	
Duct	Exhaust	Not Insulated									NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 5      **Location Name:** Mechanical Shop -      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 1500  
**Storage Area/West Door**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Steel Truss	Metal								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 6      **Location Name:** Mechanical Shop - Carpenter Shop      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 1200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Wood									NINI	None		
Walls		Masonry									NINI	None		
Structure	Steel Truss	Metal									NINI	None		
Structure	Beam, Deck	Wood									NINI	None		
Piping	Steam Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0001	Confirmed Asbestos	Friable	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 7      **Location Name:** Mechanical Shop -      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 150  
**Electrical Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Steel Truss	Metal									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Electrical Panel	Not Insulated									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 8      **Location Name:** Mechanical Shop -      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 150  
**Carpenter's Office**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Steel Truss	Metal									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #: 1**      **Building Name: 598 Plinguet Street**      **Surveyor: Jason Combe**      **Survey Date: 2006-05-10**  
**Reassessment Date: 2014-10-08**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 9**      **Location Name: Mechanical Shop - Machine Shop**      **Floor: Main-Mechanical Shop**      **Room #:**      **Square ft: 1500**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Walls		Wood								NINI	None		
Structure	Beam, Deck	Wood								NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 10     **Location Name:** Mechanical Shop - **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 500  
**Boiler Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		Concrete(poured)												None		
Ceiling	Not Found											NINI		None		
Walls		Masonry										NINI		None		
Structure	Steel Truss	Metal										NINI		None		
Piping	Steam Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)			EA	V0001	Confirmed Asbestos	Friable		
Duct	Combustion Air	Not Insulated										NINI		None		
Mechanical Equipment	Condensate Tank	Not Insulated										NINI		None		
Mechanical Equipment	Boiler	Fibreglass W/Metal Jacket										NINI		None		
Mechanical Equipment	Breeching	Parging over Fibreglass	Exterior	Canvas	C	Y	13	(7)	5	(7)	1	(4)	LF	S0003	Confirmed Asbestos	Friable
Other	Not Found											NINI		None		
Other	Debris	Parging over Fibreglass	Not Applicable	N/A	B	Y					2	(1)	SF	V0003	Confirmed Asbestos	Friable
Other	Debris	Abated Material	Not Applicable	N/A	B	Y							SF	V0001	[None]	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 11      **Location Name:** Mechanical Shop -      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:**  
**Welding Shop**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry	Surface	Thermal Insulation	C	Y	1920			SF	S0004	None	
Structure	Steel Truss	Metal	Surface	Thermal Insulation	C	Y	3600			SF	V0004	None	
Piping	All	Not Insulated									NINI	None	
Duct	Exhaust	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 12      **Location Name:** Mechanical Shop - Lunchroom      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 625

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	625			SF	S0005	None	
Walls		Masonry								NINI	None		
Walls		Drywall										None	
Structure	Steel Truss	Metal								NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 13     **Location Name:** Mechanical Shop - Women's Washroom     **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 120

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	120			SF	V0005	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 14      **Location Name:** Mechanical Shop - Stores Room      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 1200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Walls		Drywall									None		
Structure	Steel Truss	Metal								NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Duct	Return Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 15      **Location Name:** Mechanical Shop -      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 280  
**Storage Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	280			SF	V0005	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal								NINI		None	
Piping	Not Found									NINI		None	
Duct	Not Found									NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 16     **Location Name:** Mechanical Shop - Men's Washroom/Locker Room     **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 340

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	340			SF	V0005	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #: 1**      **Building Name: 598 Plinguet Street**      **Surveyor: Jason Combe**      **Survey Date: 2006-05-10**  
**Reassessment Date: 2014-10-08**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 17**      **Location Name: Mechanical Shop - Storage Window**      **Floor: Main-Mechanical Shop**      **Room #:**      **Square ft: 150**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	Carpet	A	Y				NINI	None		
Ceiling		Drywall									None		
Walls		Drywall									None		
Walls		Masonry								NINI	None		
Structure	N/A									NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 18      **Location Name:** Mechanical Shop - Stores Reception      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI	None		
Ceiling	AT-002 - Small pinholes with irregular fissures. Panel divided into two 24 x 24 raised sections.	Lay-in ceiling tiles	Surface	N/A	C	Y	300				SF	V0000	None	
Walls		Drywall											None	
Walls		Masonry									NINI		None	
Structure	Steel Truss	Metal									NINI		None	
Piping	Not Found										NINI		None	
Duct	Supply Air	Not Insulated									NINI		None	
Mechanical Equipment	Not Found										NINI		None	
Other	Not Found										NINI		None	

Note: At-002 Installed 2005



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 19      **Location Name:** Mechanical Shop - Stores Office      **Floor:** Main-Mechanical Shop      **Room #:**      **Square ft:** 60

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-002 - Small pinholes with irregular fissures. Panel divided into two 24 x 24 raised sections.	Lay-in ceiling tiles	Surface	N/A	C	Y	60			SF	V0000	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal								NINI		None	
Piping	Not Found									NINI		None	
Duct	Supply Air	Not Insulated								NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	

Note: At-002 Installed 2005



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 20     **Location Name:** Mechanical Shop -     **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 120  
**General Office**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	120			SF	V0005	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 21     **Location Name:** Mechanical Shop -     **Floor:** Main-Mechanical Shop     **Room #:**     **Square ft:** 150  
**Hallway**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	150			SF	V0005	None	
Walls		Drywall										None	
Walls		Masonry								NINI		None	
Structure	Steel Truss	Metal								NINI		None	
Piping	Not Found									NINI		None	
Duct	Not Found									NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: 598 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-10</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 22</b>		<b>Location Name: Meter Shop - Foyer</b>		<b>Floor: Main-Meter Shop</b>		<b>Room #:</b>		<b>Square ft: 64</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	N/A											NINI	None
Piping	Not Found											NINI	None
Duct	Not Found											NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 23     **Location Name:** Meter Shop - Washroom     **Floor:** Main-Meter Shop     **Room #:**     **Square ft:** 32

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100				%	V0000	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	32				SF	V0005	None	
Walls		Drywall											None	
Walls		Ceramic Tiles										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Exhaust	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 24     **Location Name:** Meter Shop - Work     **Floor:** Main-Meter Shop     **Room #:**     **Square ft:** 850  
**Area**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	100			%	V0000	None	
Ceiling	AT-002 - Small pinholes with irregular fissures. Panel divided into two 24 x 24 raised sections.	Lay-in ceiling tiles	Surface	N/A	C	Y		100		SF	V0000	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Renovated 1996 (Floor and Ceiling)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 400					
Location #: 25		Location Name: Meter Shop - Storage		Floor: Main-Meter Shop		Room #:		Square ft: 400					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0005	None	
Walls		Drywall										None	
Structure	Beam	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	





**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 28     **Location Name:** Meter Shop - Rear     **Floor:** Main-Meter Shop     **Room #:**     **Square ft:** 600  
**Work Area**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)			B	Y				NINI		None	
Ceiling	AT-002 - Small pinholes with irregular fissures. Panel divided into two 24 x 24 raised sections.	Lay-in ceiling tiles	Surface	N/A	C	Y	600			SF	V0000	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)								NINI		None	
Piping	Not Found									NINI		None	
Duct	Supply Air	Not Insulated								NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 29		Location Name: Meter Shop - Basement		Floor: Basement-Meter Shop		Room #:		Square ft: 800					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: 598 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-10</b>								
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 30</b>		<b>Location Name: Civil 1 - Main West</b>		<b>Floor: Main-Civil 1</b>		<b>Room #:</b>			<b>Square ft: 1000</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling		Transite	Surface	drywall	C	N	1000	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Transite	Surface	drywall	B	N	1040	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Structure	N/A										NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

Note: As per info from other workers, transite panel in ceiling and wall were covered with a drywall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 31		Location Name: Civil 1 - Main East		Floor: Main-Civil 1		Room #:		Square ft: 1250					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Wood									NINI	None	
Walls		Wood									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 32		Location Name: Civil Storage - Storage		Floor: Main-Civil Storage		Room #:		Square ft: 2500					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Drywall										None	
Walls		Wood									NINI	None	
Walls		Drywall										None	
Structure	Joist	Wood									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 33     **Location Name:** Railway Storage - West Floor: Main-Railway Storage     **Room #:**     **Square ft:** 576  
**Storage Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling		Drywall										None		
Walls		Drywall										None		
Structure	Joist	Wood									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** 598 Plinguet Street     **Surveyor:** Jason Combe     **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 34     **Location Name:** Railway Storage - East Floor: Main-Railway Storage     **Room #:**     **Square ft:** 1200  
**Storage Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Metal									NINI	None		
Structure	Joist	Wood									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 800					
Location #: 35		Location Name: Station - Locker Room Floor: Basement-Station											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Rubber								NINI	None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	800			SF	V0005	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1      Building Name: 598 Plinguet Street      Surveyor: Jason Combe      Survey Date: 2006-05-10</b> <b>Reassessment Date: 2014-10-08      Reassessment Surveyor: Lambert Cruz</b> <b>Location #: 36      Location Name: Station - Lunchroom      Floor: Basement-Station      Room #:      Square ft: 316</b>														
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI	None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface		C	Y	316				SF	V0005	None	
Walls		Drywall											None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #: 1      Building Name: 598 Plinguet Street      Surveyor: Jason Combe      Survey Date: 2006-05-10</b> <b>Reassessment Date: 2014-10-08      Reassessment Surveyor: Lambert Cruz</b> <b>Location #: 37      Location Name: Station - Vault      Floor: Basement-Station      Room #:      Square ft: 64</b>														
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	All	Not Insulated										NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 38		Location Name: Station - Hallway		Floor: Basement-Station		Room #:		Square ft: 104					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	104			SF	V0005	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Not Found											None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: 598 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-10</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 39</b>		<b>Location Name: Station - Boiler Room</b>		<b>Floor: Basement-Station</b>		<b>Room #:</b>		<b>Square ft: 200</b>					
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Combustion Air	Not Insulated									NINI	None	
Mechanical Equipment	Boiler	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Mechanical Equipment	Breeching	Not Insulated									NINI	None	
Mechanical Equipment	Condensate Tank	Not Insulated									NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #:</b> 1		<b>Building Name:</b> 598 Plinguet Street		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2006-05-10								
<b>Reassessment Date:</b> 2014-10-08		<b>Reassessment Surveyor:</b> Lambert Cruz			<b>Location #:</b> 40			<b>Location Name:</b> Station - Civil Lockup		<b>Floor:</b> Basement-Station		<b>Room #:</b>		<b>Square ft:</b> 80	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Masonry										NINI	None		
Structure	Deck	Concrete(poured)										NINI	None		
Piping	All	Not Insulated										NINI	None		
Duct	Not Found											NINI	None		
Mechanical Equipment	Not Found											NINI	None		
Other	Not Found											NINI	None		

<b>Building #:</b> 1		<b>Building Name:</b> 598 Plinguet Street		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2006-05-10								
<b>Reassessment Date:</b> 2014-10-08		<b>Reassessment Surveyor:</b> Lambert Cruz			<b>Location #:</b> 41			<b>Location Name:</b> Station - Stairwell		<b>Floor:</b> Basement-Station		<b>Room #:</b>		<b>Square ft:</b> 96	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)											None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	80				SF	V0005	None		
Walls		Drywall											None		
Structure	Deck	Plaster	Surface	N/A	C	N	80	1			SF	V0000	None		
Piping	Not Found											NINI	None		
Duct	Not Found											NINI	None		
Mechanical Equipment	Not Found											NINI	None		
Other	Not Found											NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: 598 Plinguet Street</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-10</b>							
<b>Reassessment Date: 2014-10-08</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 42</b>		<b>Location Name: Station - Foyer</b>		<b>Floor: Main-Station</b>		<b>Room #:</b>		<b>Square ft: 186</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	186			SF	V0005	None	
Walls		Drywall	Surface	Texture Coat	A	Y	200			SF	V0000	None	
Structure	Deck	Plaster	Surface	N/A	C	N	186	1		SF	V0000	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Wall - Texture coat applied 1987, Approximately 3 linear ft/2 sq ft of plaster in fair condition on holes as shown on pictures



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 43		Location Name: Station - Storage		Floor: Main-Station		Room #:		Square ft: 60					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	60			SF	V0005	None	
Walls		Drywall										None	
Structure	Deck	Plaster	Surface	N/A	C	N	60			SF	V0000	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 44      **Location Name:** Station - Drawing      **Floor:** Main-Station      **Room #:**      **Square ft:** 200  
**Storage Area**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet								NINI	None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	200			SF	V0005	None	
Walls		Drywall	Surface	Texture Coat	A	Y	40			SF	V0000	None	
Structure	Deck	Plaster	Surface	Wood	C	N	200			SF	V0000	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 45		Location Name: Station - Office		Floor: Main-Station		Room #:		Square ft: 220					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet								NINI		None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	220			SF	V0005	None	
Walls		Drywall										None	
Structure	Joist	Wood									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 46      **Location Name:** Station - Conference      **Floor:** Main-Station      **Room #:**      **Square ft:** 294  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet								NINI	None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	294			SF	V0005	None	
Walls		Drywall										None	
Structure	Joist	Wood								NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe			Survey Date: 2006-05-10						
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 47		Location Name: Station - Office		Floor: Main-Station		Room #:		Square ft: 160					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	160			SF	V0005	None	
Walls		Drywall										None	
Structure	Deck	Plaster	Surface	N/A	C	N	160	1		SF	V0000	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	
Other	Debris	Plaster	Surface	N/A	C	N		1		SF	V0000	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe			Survey Date: 2006-05-10						
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 48		Location Name: Station - Office		Floor: Main-Station		Room #:		Square ft: 160					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	160				SF	V0005	None
Walls		Drywall											None
Structure	Deck	Plaster	Surface	N/A	C	N	160	1			SF	V0000	None
Piping	Not Found											NINI	None
Duct	Supply Air	Not Insulated										NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None
Other	Debris	Plaster	Surface	N/A	C	N			2		SF	V0000	None



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 49		Location Name: Station - Storage		Floor: Main-Station		Room #:		Square ft: 32					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	32			SF	V0005	None	
Walls		Drywall										None	
Structure	Deck	Plaster	Surface	N/A	C	N	32			SF	V0000	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe			Survey Date: 2006-05-10						
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 50		Location Name: Station - Hallway		Floor: Main-Station		Room #:		Square ft: 70					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	80				SF	V0005	None
Walls		Drywall	Surface	Texture Coat	A	Y	40				SF	V0000	None
Structure	Deck	Plaster	Surface	N/A	C	N	80	4			SF	S0007	None
Piping	Not Found											NINI	None
Duct	Not Found											NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None
Other	Debris	Plaster	Surface	N/A	C	N			2		SF	V0007	None

Note: Plaster approximately 2 linear ft/1 sq ft in fair condition in sides of a hole as shown on photo. Approximately 1 to 2 sq ft of plaster debris found on top of ceiling tile near Janitor's Closet door.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1      Building Name: 598 Plinguet Street      Surveyor: Jason Combe      Survey Date: 2006-05-10</b> <b>Reassessment Date: 2014-10-08      Reassessment Surveyor: Lambert Cruz</b> <b>Location #: 51      Location Name: Station - Janitor Closet Floor: Main-Station      Room #:      Square ft: 24</b>														
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Terrazzo									NINI	None		
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	2				SF	V0005	None	
Walls		Drywall											None	
Structure	Deck	Plaster	Surface	N/A	C	N	30				SF	V0000	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #: 1      Building Name: 598 Plinguet Street      Surveyor: Jason Combe      Survey Date: 2006-05-10</b> <b>Reassessment Date: 2014-10-08      Reassessment Surveyor: Lambert Cruz</b> <b>Location #: 52      Location Name: Station - Washroom      Floor: Main-Station      Room #:      Square ft: 25</b>														
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** 598 Plinguet Street      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-10  
**Reassessment Date:** 2014-10-08      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 53      **Location Name:** Station - Reception      **Floor:** Main-Station      **Room #:**      **Square ft:** 384  
**Area**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo	Surface	Carpet	A	Y					NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	384			SF	V0005	None	
Walls		Drywall	Surface	Texture Coat	A	Y	400			SF	V0000	None	
Structure	Deck	Plaster	Surface	N/A	C	N	408	2		SF	S0008	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	
Other	Debris	Plaster	Surface	N/A	C	N		2		SF	V0008	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 54		Location Name: Station - Washroom		Floor: Main-Station		Room #:		Square ft: 30					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	30			SF	V0005	None	
Walls		Drywall	Surface	Texture Coat	A	Y	100			SF	V0000	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Plaster	Surface	N/A	C	N	30			SF	V0000	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe			Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz												
Location #: 55		Location Name: Station - Office		Floor: Main-Station		Room #:		Square ft: 176						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Carpet										NINI	None	
Ceiling		Fibreglass										NINI	None	
Walls		Wood										NINI	None	
Structure	Deck	Plaster	Surface	N/A	C	N	160			SF	V0000	None		
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe			Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz												
Location #: 56		Location Name: Station - Office		Floor: Main-Station		Room #:		Square ft: 176						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Carpet										NINI	None	
Ceiling	AT-001 - Small pinholes with irregular fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	176			SF	V0005	None		
Walls		Drywall	Surface	Texture Coat	A	Y	260			SF	V0000	None		
Structure	Deck	Plaster	Surface	N/A	C	N	160			SF	S0009	None		
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 900					
Location #: 57		Location Name: Residence - Main Floor Floor: Main-Residence											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Carpet									NINI	None	
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Walls		Wood									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** 598 Plinguet Street  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: 598 Plinguet Street		Surveyor: Jason Combe		Survey Date: 2006-05-10							
Reassessment Date: 2014-10-08		Reassessment Surveyor: Lambert Cruz											
Location #: 58		Location Name: Residence - Basement		Floor: Basement-Residence		Room #:		Square ft: 900					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Wood									NINI	None	
Ceiling		Drywall										None	
Walls		Wood									NINI	None	
Walls		Drywall										None	
Structure	Joist	Wood									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Legend:**

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage

Water and Waste Shop Office Buildings  
598 Plinguet Street, Winnipeg, Manitoba

Asbestos-containing materials	Location, Quantity	Condition	Class D Estimate for removal
Parging Cement insulating pipe fittings	Loc.4, Mechanical Shop, Locomotive Shop - 14 ftgs	Good	\$700.00
	Loc.6, Mechanical Shop, Carpenter Shop - 5 ftgs	Good	\$250.00
	Loc.10, Mechanical Shop, Boiler Room - 10 ftgs	Good	\$500.00
Parging Cement insulating Mechanical Breeching	Loc.10, Mechanical Shop, Boiler Room - 16 SF	6 SF damaged, remaining in Good conditon + 2 Sf of debris on floor	\$400.00
Transite Cement Board	Loc.30, Civil 1 - Main West Hallway - 2040 SF	Good	\$4,000.00
<b>Total</b>			<b>\$5,850.00</b>

The above estimated fees are based on being awarded at one time to the contractor. Should they be scheduled individually they would incur a minimum mobilization charge of \$400.00. Inspection and Air Monitoring is not included in the above fees. GST is not included in the above fees.



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
North End Water Pollution Control Centre Administration Building  
2230 Main Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the North End Water Pollution Control Centre Administration Building. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd. The original survey report for the North End Water Pollution Control Centre Administration Building was dated March 6, 2007. The results of the original report and subsequent survey update reports were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the North End Water Pollution Control Centre Administration Building where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

Three bulk samples were collected. Please reference attached Lab ID 1420566.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the North End Water Pollution Control Centre Administration Building. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for North End Water Pollution Control Centre Administration Building was completed by Lambert Cruz of Pinchin on October 16, 2014

## FINDINGS

### Pipe Systems

Asbestos-containing cement piping in the Surge Well Room (Location No. 21), Central Basement (Location No. 34) and the Discharge Well Room (Location No. 43) has been maintained in **GOOD** condition.

### Ductwork

Asbestos-containing supply duct insulation in the Second Floor Hallway (Location No. 39) and Chlorine Room (Location No. 9) are maintained in **GOOD** condition.

Uninsulated ducts with asbestos-containing red mastic in the joints in the Men's Locker Room (Location No. 18) are maintained in **GOOD** condition.

### Mechanical Insulation

Asbestos-containing mechanical insulation on a heat exchanger in the Fan Room (Location No. 16), a heat exchanger in the North Basement/Laundry Room (Location No. 37) and one head tank on the roof (Location No. 47) are generally maintained in **GOOD** condition with minor amounts of damage rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Head Tank (Location No. 47)	approximately 15 square feet of mechanical insulation rated in <b>FAIR</b> condition

### Hard Plasters (ceiling or wall finishes)

Plaster previously identified as suspect to contain asbestos was determined to be non-asbestos by analysis of Sample Nos. 0005 A-C.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below.

1. Repair following Type 2 asbestos procedures the following:
  - 15 square feet of damaged canvas on the tank within Head tank room (Location No.47).
2. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

**Pinchin Environmental Ltd.**

Prepared by:



W2014-146

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Hazardous Materials Group  
kbrydges@pinchin.com

Reviewed by:



W2014-429

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - NEWPCC - Admin - 2014 Survey Update - November 26, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 1		Location Name: Foyer		Floor: Main-South		Room #:		Square ft: 32					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Marble	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 2		Location Name: Washroom		Floor: Main-South			Room #:		Square ft: 40				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Ceramic Tiles									NINI	None	
Walls		Plaster	Surface	Paint	C	Y	25	(7)		SF	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	8			LF	V0003	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 3		Location Name: Lobby		Floor: Main-South		Room #:		Square ft: 450					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling		Plaster	Surface	Paint	C	N	242		10	SF	V0011	None	
Walls		Plaster	Surface	Paint	A	Y	96		4	%	S0012	None	
Wall one		Texture Coat	Surface	N/A	C	Y	80			SF	S0002	None	
Structure	Not Accessible										NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5			EA	V0001	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Debris	Plaster	Surface	N/A	C	N			12	SF	V0011	None	
Other	Not Found										NINI	None	

Note: Approximately 12 square ft of plaster debris on top of lay-in ceiling tiles



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:				Square ft: 240					
Location #: 4		Location Name: Storage Room		Floor: Main-South			Condition, Quantity & Action				Units	Sample	Hazard	Friability
System	Component	Material	Item	Covering	Access	Visible	Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling		Plaster	Surface	Paint	C	Y	97	(7)	3	(7)	SF	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Paint	A	Y	249	(7)	1	(7)	SF	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible											NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	8				LF	V0003	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	
Other	Debris	Plaster	Surface	N/A	A	Y				2	SF	V9500	Presumed Asbestos	Non-Friable

Note: Approximately 3 SF of plaster ceiling and 1 Sf of plaster wall in fair condition



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Location Name: Electrical/Mechanical		Floor: Main-South		Room #:		Square ft: 300			
Location #: 5		Room											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Paint	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4			EA	V0001	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:			Square ft: 100					
Location #: 6		Location Name: Control Room		Floor: Main-South									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	100				SF	V0004	None
Ceiling		Plaster	Surface	Paint	C	N	100	(7)			%	V9500	Presumed Asbestos Non-Friable
Walls		Plaster	Surface	Paint	A	Y	100	(7)			%	V9500	Presumed Asbestos Non-Friable
Structure	Not Accessible											NINI	None
Piping	Not Found											NINI	None
Duct	Supply Air	Not Insulated										NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz												
Location #: 7		Location Name: Well Room		Floor: Main-South			Room #:		Square ft: 3600					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Terrazzo									NINI	None		
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)			%	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Terrazzo	A	Y	99	(7)	1	(7)	%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None		
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	6			1	EA	V0001	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		
Other	Debris	Plaster	Surface	N/A	C	N				1	SF	V9500	Presumed Asbestos	Non-Friable

Note: 1 sq ft of plaster debris found on top of ceiling tiles



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19								
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:				Square ft: 432						
Location #: 8		Location Name: Electrical Room		Floor: Main-South			Condition, Quantity & Action				Units	Sample	Hazard	Friability	
System	Component	Material	Item	Covering	Access	Visible	Good	Fair	Poor						
Floor		Terrazzo										NINI	None		
Ceiling		Plaster	Surface	Paint	C	N	432	(7)				SF	V9500	Presumed Asbestos	Non-Friable
Ceiling		Metal		Paint								NINI	None		
Walls		Plaster	Surface	Paint	A	Y	98	(7)	2	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible											NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	18					EA	V0001	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	N						NINI	None		
Duct	Supply Air	Not Insulated										NINI	None		
Mechanical Equipment	Not Found											NINI	None		
Other	Not Found											NINI	None		
Other	Debris	Plaster	Surface	N/A	B	Y				2		SF	V9500	Presumed Asbestos	Non-Friable

Note: Approximately 18 lineal ft of crack found on plaster wall and 2 sq ft of plaster debris found on top of window jamb



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #: _____				Square ft: 1600					
Location #: 9		Location Name: Chlorine Room		Floor: Main-South			Condition, Quantity & Action				Units	Sample	Hazard	Friability
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability	
							Good	Fair	Poor					
Floor		Terrazzo									NINI	None		
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)			%	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Terrazzo	A	Y	97	(7)	3	(7)	%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible											NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3				EA	V0001	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	24				LF	V0003	None	
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	B	Y	16	(7)			SF	S0006	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Mechanical Equipment	Fan Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	

Note: Approximately 15 lineal ft of crack found on plaster wall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:				Square ft: 40				
Location #: 10		Location Name: Storage/Exit		Floor: Main-South									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo									NINI	None	
Ceiling		Drywall										None	
Walls		Plaster	Surface	Paint	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6		1	EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	14		1	EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 11		Location Name: Foyer		Floor: Main-South		Room #:		Square ft: 40					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface		A	Y	40			SF	V0000	None	
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	40			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 12		Location Name: Men's Washroom		Floor: Main-South		Room #:		Square ft: 80					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI		None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	80			SF	V0004	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 40					
Location #: 13		Location Name: Women's Washroom		Floor: Main-South									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	40			SF	V0004	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:			Square ft: 60					
Location #: 14		Location Name: Foyer		Floor: Main-South									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	60				SF	V0004	None
Walls		Masonry										NINI	None
Walls		Plaster	Surface	Paint	A	Y	50	(7)			%	V9500	Presumed Non-Friable Asbestos
Structure	Deck	Concrete(poured)										NINI	None
Piping	Not Found											NINI	None
Duct	Not Found											NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 15		Location Name: Lunchroom		Floor: Main-South		Room #:		Square ft: 1140					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y				SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles		N/A	C	Y	1140			SF	V0004	None	
Walls		Masonry									NINI	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	2			EA	V0001	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	8			LF	V0003	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	





**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:			Square ft: 400					
Location #: 17		Location Name: Hallway		Floor: Main-North									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz												
Location #: 18		Location Name: Men's Locker Room		Floor: Main-North		Room #:		Square ft: 1500						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles										NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	1500					SF	V0004	None
Walls		Ceramic Tiles											NINI	None
Structure	Deck	Concrete(poured)												None
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	N							NINI	None
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	4					EA	V0001	None
Duct	Supply Air	Not Insulated											NINI	None
Duct	All	Adhesive/mastic	Joint		C	N	100	(7)				%	S0009	Confirmed Non-Friable Asbestos
Mechanical Equipment	Not Found												NINI	None
Other	Not Found												NINI	None

Note: Mastic sealant on seams of galvanized ductwork contains Chrysotile Asbestos, Lab report b80899 Sample No. 0003 Project 68112 reflected as Sample 0009 in HMIS



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:			Square ft: 160					
Location #: 19		Location Name: Soils		Floor: Main-North									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	160			SF	V0004	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	160			SF	S0008	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Additional sample of AT, lab report b80899, Sample No. 0002 ND. Project 68112 reflected as Sample 0008 in HMIS



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-16      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 20      **Location Name:** Lab Service Room      **Floor:** Main-North      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls	M	Plaster							%		S0007	[None]	Non-Friable
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Plaster sampled on lab wall report b80899 Sample No. 0001 Project 68112 reflected as Sample 0007 in HMIS



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 21		Location Name: Surge Well Room		Floor: Main-North		Room #:		Square ft: 600					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Sanitary Drain	Transite	System	N/A	C		17	(7)		LF	V9000	Confirmed Non-Friable Asbestos	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 22		Location Name: Vent Equipment Room Floor: Main-North				Room #:		Square ft: 300					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	300			SF	V0004	None	
Walls		Drywall										None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Location Name: Water Quality Laboratory		Floor: Main-North		Room #:                      Square ft: 800					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	800			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	800			SF	V0004	None	
Walls		Drywall										None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	4			EA	V0001	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	N					NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #:</b> 1		<b>Building Name:</b> Administration		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2006-04-19						
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 24		<b>Location Name:</b> Metal Analysis Room		<b>Floor:</b> Main-North		<b>Room #:</b>		<b>Square ft:</b> 250					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	250			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	250			SF	V0004	None	
Walls		Ceramic Tiles									NINI	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 25		Location Name: Storage Room		Floor: Main-North		Room #:		Square ft: 220					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	220			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	220			SF	V0004	None	
Walls		Ceramic Tiles									NINI	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #:</b> 1		<b>Building Name:</b> Administration		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2006-04-19						
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 26		<b>Location Name:</b> Balance Room		<b>Floor:</b> Main-North		<b>Room #:</b>		<b>Square ft:</b> 300					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	300			SF	V0004	None	
Walls		Ceramic Tiles									NINI	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz				Room #: 220		Square ft: 220					
Location #: 27		Location Name: Gas Chromatography Floor: Main-North											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	220			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	220			SF	V0004	None	
Walls		Ceramic Tiles									NINI	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Location Name: Wastewater Laboratory		Floor: Main-North		Room #:                      Square ft: 2100					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	2100			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	2100			SF	V0004	None	
Walls		Drywall										None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	4			EA	V0001	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	N					NINI	None	
Duct	Supply Air	Fibreglass		Foil Face								None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: Administration</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-19</b>						
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 29</b>			<b>Location Name: Carbon Analysis</b>		<b>Floor: Main-North</b>		<b>Room #: Square ft: 220</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0004	None	
Walls		Ceramic Tiles									NINI	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Location Name: Nutrient Analysis		Floor: Main-North		Room #:                      Square ft: 400						
Location #: 30		Room												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	220				SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	220				SF	V0004	None	
Walls		Ceramic Tiles										NINI	None	
Walls		Drywall											None	
Structure	Deck	Concrete(poured)											NINI	None
Piping	Not Found												NINI	None
Duct	Supply Air	Fibreglass		Foil Face									NINI	None
Duct	Return Air	Fibreglass		Foil Face									NINI	None
Mechanical Equipment	Not Found												NINI	None
Other	Not Found												NINI	None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 31		Location Name: Hallway		Floor: Main-North		Room #:		Square ft: 350					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	350			SF	V0000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	350			SF	V0004	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Fibreglass		Foil Face							NINI	None	
Duct	Supply Air	Fibreglass		Foil Face							NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 32		Location Name: Gallery 2		Floor: Basement		Room #:		Square ft: 750					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Straight	Canvas	C	Y	6			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 33		Location Name: South Basement		Floor: Basement		Room #:		Square ft: 5000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Straight	Canvas	C	Y	32			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 34		Location Name: Central Basement		Floor: Basement		Room #:		Square ft: 10000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Straight	Canvas	C	Y	40			EA	V0001	None	
Piping three	Sanitary Drain	Transite	System	N/A	B	Y	40	(7)		LF	V9000	Confirmed Asbestos	Non-Friable
Piping four	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping four	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0001	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	145		1	EA	S0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	[None]	
Mechanical Equipment	Fan Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 35		Location Name: Under Fan Room		Floor: Basement		Room #:		Square ft: 1000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Straight	Canvas	C	Y	79			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	34			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Exchanger	Not Insulated									NINI	[None]	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: Administration</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-19</b>						
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 36</b>		<b>Location Name: Old Sewage Pit/Tank</b>		<b>Floor: Basement</b>			<b>Room #:</b>		<b>Square ft: 2000</b>				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Dirt								%	V0000	None	
Floor		Concrete(poured)									NINI	None	
Floor	Debris	Abated Material		N/A	B	Y				SF	S0010	[None]	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Parging debris on dirt. Lab report b80899, Sample No 0004. Project 68112 reflected as Sample 0010 in HMIS



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-16      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 37      **Location Name:** North Basement/Laundry      **Floor:** Basement      **Room #:**      **Square ft:** 10000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	34				EA	V0001	None	
Piping three	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	15				EA	V0001	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping three	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	36				EA	V0001	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated										NINI	None	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	A	Y	45	(5)			SF	V0005	Confirmed Asbestos	Friable
Mechanical Equipment	Heating Water Tank	Not Insulated										NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated										NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated										NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated										NINI	None	

Location continued on next page...

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<b>Building #: 1</b>		<b>Building Name: Administration</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-19</b>								
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 37</b>		<b>Location Name: North Basement/Laundry</b>		<b>Floor: Basement</b>		<b>Room #:</b>		<b>Square ft: 10000</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Other	Electrical Panel										NINI		None	

<b>Building #: 1</b>		<b>Building Name: Administration</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-19</b>								
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 38</b>		<b>Location Name: Mezzanine</b>		<b>Floor: Second</b>		<b>Room #:</b>		<b>Square ft: 375</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Terrazzo									NINI		None	
Ceiling		Plaster	Surface	Paint	C	Y	194		6		SF	V0011	None	
Walls		Plaster	Surface	Paint	A	Y	100 (7)		2 (3)	%		V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible											NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	
Other	Debris	Plaster	Surface	N/A	C	N			10		SF	S0011	None	

Note: Approximately 8 sq ft of plaster wall in poor condition and 10 sq ft of plaster debris found on top of ceiling tiles



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: Administration</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-19</b>						
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 39</b>		<b>Location Name: Hallway</b>		<b>Floor: Second</b>			<b>Room #:</b>		<b>Square ft: 100</b>				
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	100			SF	V0000	None	
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Paint	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	14	(7)		SF	V0006	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 40		Location Name: Washroom North		Floor: Second		Room #:		Square ft: 60					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling		Wood									NINI	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Not Accessible										NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	8			LF	V0003	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 41		Location Name: Office		Floor: Second		Room #:		Square ft: 150					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)		Carpet							NINI	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	150				SF	V0004	None
Ceiling		Plaster	Surface	Paint	C	N	100	(7)			%	V9500	Presumed Asbestos Non-Friable
Walls		Plaster	Surface	Paint	A	Y	100	(7)			%	V9500	Presumed Asbestos Non-Friable
Structure	Not Accessible											NINI	None
Piping	Not Found											NINI	None
Duct	Not Found											NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19								
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:				Square ft: 150						
Location #: 42		Location Name: Second Floor Venting Room			Floor: Second										
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	150					SF	V000	None	
Ceiling	AT-001 - Pinholes and Fissures, Surface White, X-Section Beige	Lay-in ceiling tiles	Surface	N/A	C	Y	150					SF	S0004	None	
Ceiling		Plaster	Surface	Paint	C	N	97	(7)	3	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Plaster	Surface	Paint	A	Y	100	(7)				%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible												NINI	None	
Piping	Not Found												NINI	None	
Duct	Supply Air	Not Insulated											NINI	None	
Mechanical Equipment	Not Found												NINI	None	
Other	Not Found												NINI	None	
Other	Debris	Plaster	Surface	N/A	C	N				6		SF	V9500	Presumed Asbestos	Non-Friable

Note: Approximately 4 sq ft of plaster debris found on top of ceiling tiles, 1 sq ft on top of cabinet & 1 sq ft on top of steel pipe; Approximately 32 lineal ft of plaster ceiling edges needs to be encapsulated.



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 43		Location Name: Discharge Well		Floor: Second		Room #:		Square ft: 2500					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0001	None	
Piping two	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	10			LF	V0003	None	
Piping one	Sanitary Drain	Transite	System	N/A	D	Y	100 (7)			LF	V9000	Confirmed Asbestos	Non-Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Floor: Second		Room #:		Square ft: 150					
Location #: 44		Location Name: Office		Access		Visible		Condition, Quantity & Action		Units	Sample	Hazard	Friability
System	Component	Material	Item	Covering			Good	Fair	Poor				
Floor		Concrete(poured)		Carpet							NINI	None	
Ceiling		Plaster	Surface	Mechanical fastened ceiling tile	C	N	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Ceiling		Metal									NINI	None	
Ceiling		Mechanical fastened ceiling tile	Surface	Paint	C	Y	100			%	V0000	None	
Walls		Plaster	Surface	Paint	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	8			LF	V0003	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	2			EA	V0001	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Room #: _____				Square ft: 270					
Location #: 45		Location Name: Sludge Manager Office Floor: Second											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)		Carpet							NINI	None	
Ceiling		Plaster	Surface	Mechanical fastened ceiling tile	C	N	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Ceiling		Metal									NINI	None	
Ceiling		Mechanical fastened ceiling tile	Surface	Paint	C	Y	100			%	V0000	None	
Walls		Plaster	Surface	Paint	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz			Room #:			Square ft: 60					
Location #: 46		Location Name: Washroom South		Floor: Second									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling		Plaster	Surface	Paint	C	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Walls		Ceramic Tiles									NINI	None	
Structure	Not Accessible										NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	8			LF	S0003	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	B	Y	5			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 47		Location Name: Head Tank		Floor: Third		Room #:		Square ft: 400					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Straight	Canvas	C	Y	28		1	EA	V0001	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping three	Rain Water Leader	Fibreglass	Straight	Canvas	B	Y					NINI	None	
Piping three	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	B	Y	1		1	EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	[None]	
Mechanical Equipment	Tank	Parging over Fibreglass	Surface	Canvas	C	Y	1185 (7)	15 (7)		SF	V0006	Confirmed Asbestos	Friable
Other	Not Found										NINI	None	

Note: Approximately 15 SF of Tank insulation in FAIR condition. Advice COWWWD not to lean anything against the tank.





November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T..**

**Re: 2014 Asbestos Survey Update  
North End Water Pollution Control Centre Digesters Building  
2230 Main Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the North End Water Pollution Control Centre Digesters Building. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey update reports completed by Pinchin Ltd. The original survey report for this North End Water Pollution Control Centre Digesters Building was dated March 6, 2007. The results of the original report and subsequent survey update reports were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the North End Water Pollution Control Centre Digesters Building where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

12 bulk samples were collected. Please reference attached Lab ID 1420566

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the North End Water Pollution Control Centre Digesters Building. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for North End Water Pollution Control Centre Digesters Building was completed by Lambert Cruz of Pinchin Environmental Ltd. on April 30, 2013.

## FINDINGS

### Pipe Systems

Asbestos-containing pipes and/or fittings in the Main Floor Entrance (Location No. 1), Gallery 1 (Location Nos. 2, 3, 4, 37 and 38), Gallery 2 (Location Nos. 5, 6, 7 and 39), Gallery 3 (Location Nos. 8, 9, 10 and 40), Gallery 4 (Location Nos. 11 and 41), Boiler Basement Room (Location No. 12), Storage/Main Entryway (Location No. 13), Washroom (Location No. 14), Main Storage Room (Location No. 15), Mezzanine (Location No. 16), Hallway/Fan Room (Location No. 17), Old Gas Room (Location No. 19), Gallery 6 Main Entrance (Location No. 21), Hallway (Location Nos. 22 and 25), Gallery 6 (Location Nos. 26 and 42), Stairwell (Location No. 28, 30 and 32), Gallery 7 (Location Nos. 29, 36 and 47), Basement Storage (Location No. 33), Main Burner (Location No. 34), Basement Tunnel Burner Room (Location No. 35), Second Upstairs Main Area (Location No. 52), Oil Storage Room (Location No. 53), New Gas Room (Location No. 54), Penthouse 5 (Location No. 55), and Gallery 5 (Location No. 58) are generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Centre Gallery 1 (Location No. 4)	3 fittings rated in <b>FAIR</b> condition
Basement Boiler Room (Location No. 12)	3 fittings rated in <b>FAIR</b> condition
Storage Room (Location No. 15)	1 fitting rated in <b>FAIR</b> condition
Gallery 7 (Location No. 29)	4 fittings rated in <b>FAIR</b> condition
Burner Room (Location No. 35)	3 fittings rated in <b>FAIR</b> condition
Gallery 7 (Location No. 36)	2 fitting rated in <b>FAIR</b> condition
Gallery 6 (Location No. 42)	2 fittings rated in <b>FAIR</b> condition
Gallery 7 (Location No. 47)	1 fitting rated in <b>FAIR</b> condition (under floor railing)
Upstairs Main Area (Location No. 52)	1 fitting rated in <b>FAIR</b> condition
Gallery 5 (Location No. 58)	1 fitting rated in <b>FAIR</b> condition 1 fitting rated in <b>POOR</b> condition (under floor railings near Tank No. 12)

### Ductwork

Fresh air intake ducts insulated with fibreglass insulation coated with parging cement found in Gallery 1 (Location No. 2), Gallery 2 (Location No. 6 and 7), Gallery 4 (Location Nos. 11, 41), and Old Gas Room (Location No. 19), were maintained in **GOOD** condition.

### **Mechanical Insulation**

Mechanical Equipment insulated with fibreglass insulation coated with parging cement found in Boiler Basement Room (Location No. 12), are generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following damage was noted during the 2013 update:

<b>Location</b>	<b>Quantity and Condition of Damage</b>
Basement Boiler Room (Location No. 12)	1 square foot of breeching rated in <b>FAIR</b> condition and 8 square feet of Debris on the floor.

### **Plaster Finishes**

Plaster is present as wall finish within the building. Three samples of plaster were collected (sample Nos. 0001 A-C). No asbestos was detected in the plaster.

Hard plaster/stucco is present as exterior wall finish. Three sample were collected (Sample nos. 0004 A-C). Asbestos was detected in the plaster/stucco finish.

Plaster finishes are non-friable while in place but can become friable during disturbance. Plaster finishes were observed in Good condition.

Please reference attached Lab ID 1420566.

### **Transite Cement**

Transite cement is present on the exterior wall adjacent tanks 13 & 14 (Sample Nos. 0003 A-C). Transite cement is a non-friable material which was observed in Good condition.

Please reference attached Lab ID 1420566.

### **Other Asbestos-containing Materials**

Tar mastic observed over black foam on the exterior walls of tanks 1-12 was determined to contain asbestos by analysis of Sample Nos. 0002 A-C. Tar mastic is non-friable material that was observed in Good condition.

## **RECOMMENDATIONS**

Based on the findings of our investigation, our recommendations are as noted below:

1. Repair, using canvas and lagging, all the fittings that are in **FAIR** condition and remove all the fittings that are in **POOR** condition following Type 2 Asbestos Procedure for both conditions.

2. Repair, following Type 2 Asbestos Procedure for the damaged areas in the ducts that are in FAIR condition.
3. Repair, following Type 2 Asbestos Procedure for the damaged areas in the mechanical equipment that are in FAIR and POOR condition.
4. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

**Pinchin Environmental Ltd.**

Prepared by:



W2014-147

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Hazardous Materials Group  
kbrydges@pinchin.com

Reviewed by:



W2014-430

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - Phase VIII - NEWPCC - Digesters Bldg - 2014 Survey Update - November 21, 2014.docx

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Digesters - East		Floor: Main		Room #:		Square ft: 800			
Location #: 1		Entrance											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Digesters - North		Floor: Main		Room #:		Square ft: 800				
Location #: 2		Gallery 1												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	11	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Fresh Air Intake	Fibreglass w/Parging		Canvas	C	Y	10	(7)		SF	S0001	Confirmed Asbestos	Friable	
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** North End Water Pollution Control Centre

**Building Number(s):** 3

# All Data Report

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 3      **Location Name:** Digesters - South      **Floor:** Main      **Room #:**      **Square ft:**  
**Gallery 1**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz												
Location #: 4		Location Name: Digesters - Centre		Floor: Main		Room #:		Square ft: 900						
		Gallery 1												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7	(7)	3	(7)	EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)			EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 5      **Location Name:** Digesters - Control      **Floor:** Main      **Room #:**      **Square ft:** 900  
**Gallery 2**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** North End Water Pollution Control Centre

**Building Number(s):** 3

**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 6      **Location Name:** Digesters - North      **Floor:** Main      **Room #:**      **Square ft:** 800  
**Gallery 2**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	6	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	10	(7)		SF	V0001	Confirmed Asbestos	Friable	
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 7      **Location Name:** Digesters - South      **Floor:** Main      **Room #:**      **Square ft:** 800  
**Gallery 2**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	D	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	D	Y	6	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Duct	Fresh Air Intake	Parging over Fibreglass	Surface	Canvas	C	Y	8	(7)		SF	V0001	Confirmed Asbestos	Friable	
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

Note: Damaged in duct was already repaired with lagging. Recommended for follow up repair with a canvass.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Digesters - Centre		Floor: Main		Room #:		Square ft: 900				
Location #: 8		Gallery 3												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 750						
Location #: 9		Location Name: Digesters - North		Floor: Main		Gallery 3								
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	12				LF	S0002	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)	1	(6)	EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 10		Location Name: Digesters - South		Floor: Main		Room #:		Square ft: 750					
		Gallery 3											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	16	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	12			LF	V0003	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz													
Location #: 11		Location Name: Digesters - Gallery 4		Floor: Main			Room #:		Square ft: 1500						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Deck	Concrete(poured)										NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	14	(7)				EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y							NINI	None	
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	7	(7)	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)				EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y							NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)	1	(6)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y							NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y							NINI	None	
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	10	(7)				SF	V0001	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found												NINI	None	
Other	Debris	Parging Cement	Surface	N/A	B	Y						SF	V0006	Presumed Asbestos	Friable
Other	Electrical Panel												NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 12      **Location Name:** Boiler Building - Boiler      **Floor:** Basement      **Room #:**      **Square ft:** 4000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Metal									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	98	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	69	(7)	3	(7)	EA	V0006	Confirmed Asbestos	Friable
Piping	Glycol	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol	Parging over Fibreglass	Fitting	Canvas	C	Y	20	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)			EA	V0006	Confirmed Asbestos	Friable
Duct	Fresh Air Intake	Fibreglass		Canvas	C	Y					NINI	None		
Mechanical Equipment	Breeching	Parging over Fibreglass	Surface	Canvas	C	Y	400	(7)			SF	V0007	Confirmed Asbestos	Friable
Mechanical Equipment	Condensate Tank	Parging over Fibreglass	Surface	Canvas	B	Y	94	(7)			SF	V0008	Confirmed Asbestos	Friable
Mechanical Equipment	Boiler	Metal	Surface	N/A	B	Y					NINI	None		
Mechanical Equipment	Boiler	Metal	Surface	N/A	B	Y					NINI	None		

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

...Location continued from previous page

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Boiler Building - Boiler Floor: Basement				Room #:		Square ft: 4000				
Location #: 12		Room												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Mechanical Equipment	Boiler	Metal	Surface	Canvas	B	Y						NINI	None	
Mechanical Equipment	Air Handling Unit	Fibreglass	Surface	Canvas	C	Y						NINI	None	
Mechanical Equipment	Boiler	Metal	Surface	N/A	B	Y						NINI	None	
Mechanical Equipment	Boiler	Parging over Fibreglass	Surface	Canvas	B	Y	1250	(7)			SF	S0007	Confirmed Asbestos Friable	
Mechanical Equipment	Expansion Tank	Parging over Fibreglass	Surface	Canvas	B	Y	100	(7)			SF	S0008	Confirmed Asbestos Friable	
Mechanical Equipment	Breeching	Parging over Fibreglass	Surface	Canvas	C	Y	699	(7)	1	(7)	SF	V0007	Confirmed Asbestos Friable	
Mechanical Equipment	Breeching	Parging over Fibreglass	Surface	Canvas	C	Y	696	(7)		4 (4)	SF	V0007	Confirmed Asbestos Friable	
Mechanical Equipment	Breeching	Parging over Fibreglass	Surface	Canvas	C	Y	400	(7)			SF	V0007	Confirmed Asbestos Friable	
Other	Debris	Parging Cement	Surface	N/A	B	Y				8 (1)	SF	V0007	Confirmed Asbestos Friable	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 800					
Location #: 13		Location Name: Boiler Building - Storage/Main Entryway		Floor: Main									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling	Not Found									NINI		None	
Walls		Plaster	Surface	N/A	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Deck	Concrete(poured)								NINI		None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	B	Y	14	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Domestic Hot Water	Fibreglass	Straight	Canvas	B	Y				NINI		None	
Piping	Domestic Hot Water	Not Insulated	Fitting	Canvas	B	Y				EA	V0000	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	B	Y	17	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	B	Y				NINI		None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	B	Y				NINI		None	
Duct	Not Found									NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Location Name: Boiler Building - Washroom		Floor: Main		Room #:		Square ft: 40			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Plaster	Surface	N/A	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	A	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	A	Y	2	(5)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	A	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	A	Y	5	(5)		EA	V0006	Confirmed Asbestos	Friable	
Duct	Not Found												None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Boiler Building -		Floor: Main		Room #:		Square ft: 80				
Location #: 15		Storage Room												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Plaster	Surface	N/A	A	Y	100	(7)			%	V9500	Presumed Asbestos	Non-Friable
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)	1	(7)	EA	V0006	Confirmed Asbestos	Friable
Piping	Domestic Hot Water	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Domestic Hot Water	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19									
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Boiler Building - Boiler Floor: Main		Room #:		Square ft: 1200							
Location #: 16		Mezzanine													
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Walls		Masonry										NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Beam, Deck	Metal										NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)		1	(4)	EA	V0006	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)				EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)				EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Duct	Exhaust	Fibreglass	Surface	Canvas	C	Y						NINI	None		
Mechanical Equipment	Boiler	Not Insulated										NINI	None		
Mechanical Equipment	Breeching	Not Insulated										NINI	None		
Other	Low Pressure Nitrogen Tank	Not Insulated										NINI	None		
Other	High Pressure Nitrogen Tank	Not Insulated										NINI	None		

Note: New Boiler



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Boiler Building - Hallway/Fan Room		Floor: Main		Room #:		Square ft: 150			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling	Not Found									NINI		None	
Walls		Masonry								NINI		None	
Structure	Beam, Deck	Metal								NINI		None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI		None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI		None	
Duct	Supply Air	Fibreglass	Surface	All Service Jacket	C	Y				NINI		None	
Duct	Return Air	Fibreglass	Surface	Canvas	C	Y				NINI		None	
Mechanical Equipment	Air Handling Unit	Fibreglass	Surface	All Service Jacket	C	Y				NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Room #:				Square ft: 300					
Location #: 18		Location Name: Boiler Building - Boiler Floor: Main Control Room											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300			SF	V0000	None	
Ceiling	AT-002 - Pinholes and fissures	Glued-on ceiling tiles	Surface	N/A	C	Y	190	19	6	SF	S0009	None	
Ceiling		Drywall			C	Y						None	
Walls		Plaster	Surface	N/A	A	Y	100	(7)		%	V9500	Presumed Asbestos	Non-Friable
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	N/A										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 19      **Location Name:** Digesters - Old Gas      **Floor:** Main      **Room #:**      **Square ft:** 4000  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		Concrete(poured)									NINI	None				
Ceiling	Not Found										NINI	None				
Walls		Concrete(poured)									NINI	None				
Structure	Deck	Concrete(poured)									NINI	None				
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None				
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	60	(7)			EA	V0006	Confirmed Asbestos	Friable		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	39	(7)			EA	V0006	Confirmed Asbestos	Friable		
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	54	(7)	1	(7)	2	(4)	EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y					NINI	None				
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	52	(7)	2	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None				
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	2				LF	V0002	None			
Duct	Supply Air	Not Insulated									NINI	None				
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	10	(7)			SF	V0001	Confirmed Asbestos	Friable		
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	11	(7)			SF	V0001	Confirmed Asbestos	Friable		
Mechanical Equipment	Not Found										NINI	None				
Other	Not Found										NINI	None				



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 120					
Location #: 20		Location Name: Digesters - South Fan Floor: Main Room Off Old Gas Room											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling	Not Found									NINI		None	
Walls		Concrete(poured)								NINI		None	
Structure	Deck	Concrete(poured)								NINI		None	
Piping	Not Found									NINI		None	
Duct	Exhaust	Not Insulated								NINI		None	
Mechanical Equipment	Air Handling Unit	Not Insulated								NINI		None	
Mechanical Equipment	Air Handling Unit	Not Insulated								NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Digesters - Gallery 6		Floor: Main		Room #:		Square ft: 200			
Location #: 21		Entrance											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	9	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	9	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Location #: 22			Location Name: Digesters - Hallway		Floor: Main		Room #:		Square ft: 150	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability		
							Good	Fair	Poor						
Floor		Concrete(poured)									NINI	None			
Ceiling	Not Found										NINI	None			
Walls		Concrete(poured)									NINI	None			
Structure	Deck	Concrete(poured)									NINI	None			
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NIIN	None			
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos Friable			
Duct	Not Found										NINI	None			
Mechanical Equipment	Not Found										NINI	None			
Other	Not Found										NINI	None			



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 23		Location Name: Digesters - Washroom		Floor: Main		Room #:		Square ft: 25					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 540					
Location #: 24		Location Name: Digesters - Control Room		Floor: Main									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	AT-001 - Pinholes and larger holes	Lay-in ceiling tiles	Surface	N/A	C	Y	540			SF	S0003	None	
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 25		Location Name: Digesters - Hallway		Floor: Main		Room #:		Square ft: 50					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 26		Location Name: Digesters - Gallery 6		Floor: Main		Room #:		Square ft: 3600					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	11	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	13	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 27		Location Name: Digesters - Fan Room		Floor: Main		Room #:		Square ft: 200					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 28		Location Name: Digesters - Stairwell		Floor: Main		Room #:		Square ft: 350					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

<b>Building #: 3</b>		<b>Building Name: Digesters</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-19</b>							
<b>Reassessment Date: 2014-10-14</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 29</b>		<b>Location Name: Digesters - Gallery 7</b>			<b>Floor: Main</b>		<b>Room #:</b>			<b>Square ft: 2000</b>				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	27	(7)			EA	V0006	Confirmed Asbestos Friable	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	41	(7)	4	(6)	EA	V0006	Confirmed Asbestos Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Exchanger	Not Insulated										NINI	None	
Mechanical Equipment	Exchanger	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 30		Location Name: Digesters - Stairwell		Floor: Main		Room #:		Square ft: 350					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	11	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	11	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Room #: _____				Square ft: 350						
Location #: 31		Location Name: Digesters - Fan Room			Floor: Main										
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Deck	Concrete(poured)										NINI	None		
Piping	Not Found											NINI	None		
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		1	(4)	EA	V0006	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None		
Other	Not Found											NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 32		Location Name: Digesters - Stairwell		Floor: Main		Room #:		Square ft: 350					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 33      **Location Name:** Boiler Building - Boiler      **Floor:** Basement      **Room #:**      **Square ft:** 80  
**Storage**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	N/A									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Location Name: Burner Building - Burner		Floor: Main-Burner		Room #:		Square ft: 400			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable	
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	9			SF	S0004	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 35      **Location Name:** Burner Building - Burner Room      **Floor:** Basement-Tunnel      **Room #:**      **Square ft:** 400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)	1	(7)	EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)	2	(7)	EA	V0006	Confirmed Asbestos	Friable
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y					NINI	None		
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	6				SF	V0004	None	
Mechanical Equipment	Fan Unit	Not Insulated									NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Location Name: Digesters - Gallery 7			Floor: Basement-Tunnel		Room #:		Square ft: 2000		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	30	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	31	(7)	2	(7)	EA	S0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other		Parging Cement	Surface	N/A	B	Y	3	(7)			SF	S0005	Confirmed Asbestos	Friable

Note: Openings in wall where pipes pass through.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 37      **Location Name:** Digesters - Gallery 1      **Floor:** Basement      **Room #:**      **Square ft:** 1000  
**East**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0006	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0006	Confirmed Asbestos	Friable	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 38      **Location Name:** Digesters - Gallery 1      **Floor:** Basement      **Room #:**      **Square ft:** 2000  
**West**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 39		Location Name: Digesters - Gallery 2		Floor: Basement		Room #:		Square ft: 2600					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 40		Location Name: Digesters - Gallery 3		Floor: Basement		Room #:		Square ft: 2600					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)		EA	V0006	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 41		Location Name: Digesters - Gallery 4		Floor: Basement			Room #:		Square ft: 2800				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	29	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Gas Pipe Line	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	9	(7)		SF	V0001	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz												
Location #: 42		Location Name: Digesters - Gallery 6		Floor: Basement			Room #:		Square ft: 2800					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	D	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	D	Y	10	(7)	2	(7)	EA	V0006	Confirmed Asbestos Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	D	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	D	Y	10	(7)	2	(7)	EA	V0006	Confirmed Asbestos Friable	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Note: 2 HWS fittings in FAIR condition under floor railings fronting door of Electrical room



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

<b>Building #:</b> 3		<b>Building Name:</b> Digesters		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-19								
<b>Reassessment Date:</b> 2014-10-14		<b>Reassessment Surveyor:</b> Lambert Cruz		<b>Location #:</b> 43		<b>Location Name:</b> Digesters - Storage		<b>Floor:</b> Basement		<b>Room #:</b>		<b>Square ft:</b> 200		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #:</b> 3		<b>Building Name:</b> Digesters		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-19								
<b>Reassessment Date:</b> 2014-10-14		<b>Reassessment Surveyor:</b> Lambert Cruz		<b>Location #:</b> 44		<b>Location Name:</b> Digesters - Electrical Room		<b>Floor:</b> Basement		<b>Room #:</b>		<b>Square ft:</b> 1500		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location #: 45		Location Name: Digesters - Fan Room		Floor: Basement		Room #:		Square ft: 250		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location #: 46		Location Name: Digesters - Stairwell		Floor: Basement		Room #:		Square ft: 300		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Not Found											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19							
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Room #: _____				Square ft: 5000					
Location #: 47		Location Name: Digesters - Gallery 7			Floor: Basement									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	22	(7)	1	(7)	EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)			EA	V0006	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Note: 1 HWR fittings in FAIR condition under floor railings near Pumps



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location #: 48		Location Name: Digesters - Fan Room		Floor: Basement		Room #:		Square ft: 300		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location #: 49		Location Name: Digesters - Stairwell		Floor: Basement		Room #:		Square ft: 250		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Not Found											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

<b>Building #: 3</b>		<b>Building Name: Digesters</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-19</b>							
<b>Reassessment Date: 2014-10-14</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 50</b>		<b>Location Name: Digesters - Stairwell</b>		<b>Floor: Basement</b>		<b>Room #:</b>		<b>Square ft: 250</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Not Found											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #: 3</b>		<b>Building Name: Digesters</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-19</b>							
<b>Reassessment Date: 2014-10-14</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 51</b>		<b>Location Name: Boiler Building - Room Floor: Second</b>		<b>Room #:</b>		<b>Square ft: 400</b>								
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Masonry										NINI	None	
Structure	Beam, Deck	Metal										NINI	None	
Piping												NINI	None	
Duct	Return Air	Fibreglass	Surface	Canvas	B	Y						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe		Survey Date: 2006-04-19								
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz		Location Name: Boiler Building -		Floor: Second		Room #:		Square ft: 400				
Location #: 52		Upstairs Main Area												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI		None	
Ceiling	Not Found										NINI		None	
Walls		Concrete(poured)			C	Y							None	
Structure	Deck	Concrete(poured)									NINI		None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Drain	Not Insulated			C	Y							None	
Piping	Rain Water Leader	Parging Cement	Fitting	Canvas	C	Y	3	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)	1	(6)	EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Duct	Not Found										NINI		None	
Mechanical Equipment	Not Found										NINI		None	
Other	Not Found										NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Room #:				Square ft: 600				
Location #: 53		Location Name: Digesters - Oil Storage Floor: Second Room											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	1	(7)		EA	V0006	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz											
Location #: 54		Location Name: New Gas Room		Floor: Second			Room #:		Square ft: 2250				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19						
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz			Room #: _____				Square ft: 800				
Location #: 55		Location Name: Digesters - Penthouse 5 Floor: Second											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0006	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

<b>Building #: 3</b>		<b>Building Name: Digesters</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-19</b>								
<b>Reassessment Date: 2014-10-14</b>		<b>Reassessment Surveyor: Lambert Cruz</b>		<b>Location Name: Digesters - Penthouse 3 Floor: Second</b>		<b>Room #:</b>		<b>Square ft: 400</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		

<b>Building #: 3</b>		<b>Building Name: Digesters</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-19</b>								
<b>Reassessment Date: 2014-10-14</b>		<b>Reassessment Surveyor: Lambert Cruz</b>		<b>Location Name: Digesters - Penthouse 1 Floor: Second</b>		<b>Room #:</b>		<b>Square ft: 400</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Digesters		Surveyor: Jason Combe			Survey Date: 2006-04-19									
Reassessment Date: 2014-10-14		Reassessment Surveyor: Lambert Cruz														
Location #: 58		Location Name: Digesters - Gallery 5		Floor: Basement		Room #:			Square ft: 2800							
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		Concrete(poured)										NINI	None			
Ceiling	Not Found											NINI	None			
Walls		Concrete(poured)										NINI	None			
Structure	Deck	Concrete(poured)										NINI	None			
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	54	(7)	1	(7)	1	(4)	EA	V0006	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y								NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y								NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	59	(7)					EA	V0006	Confirmed Asbestos	Friable
Mechanical Equipment	Exchanger	Not Insulated												NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated												NINI	None	
Mechanical Equipment	Exchanger	Not Insulated												NINI	None	
Mechanical Equipment	Exchanger	Not Insulated												NINI	None	
Mechanical Equipment	Exchanger	Not Insulated												NINI	None	
Other	Not Found													NINI	None	

Note: 1 HWS fitting in POOR condition under floor railings near Tank #12 1 HWS fitting in FAIR condition under floor railing near post in Tank #10



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3      **Building Name:** Digesters      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-19  
**Reassessment Date:** 2014-10-14      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 59      **Location Name:** Exterior by Boiler      **Floor:** Main      **Room #:**      **Square ft:**  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Walls	All	Plaster	Exterior	N/A	A	Y	100			%	S0010	None	





November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
North End Water Pollution Control Centre Grit Building  
2230 Main Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the North End Water Pollution Control Centre Grit Building. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey update reports completed by Pinchin Ltd. The original survey report for the North End Water Pollution Control Centre Grit Building was dated March 6, 2007. The results of the original report and subsequent survey update report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the North End Water Pollution Control Centre Grit Building where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

9 bulk samples were collected. Please reference the attached Lab ID 1420566.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the North End Water Pollution Control Centre Grit Building. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for North End Water Pollution Control Centre Grit Building was completed by Lambert Cruz of Pinchin Environmental Ltd. on October 16, 2014.

## FINDINGS

### Pipe Systems

Asbestos-containing pipe insulation on fittings in the Blower Room, Grit Tank Room, Truck Loading Area, Gallery No. 1, Abandoned Venturi, Stairwell Landing, Southeast Basement, Northeast Basement and West Basement (Location Nos. 3 and 5-12, respectively) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Southeast Basement (Location No.10)	3 fittings rated in FAIR condition
West Basement (Location No. 12)	1 fitting rated in <b>POOR</b> condition

### Ductwork

Asbestos-containing duct insulation in the Blower Room (Location No. 3) and West Basement (Location Nos. 12) has been maintained in **GOOD** condition.

### Other Asbestos-containing Materials

A black tar mastic was identified on the exterior wall. Analysis has found the tar mastic to contain asbestos. Mastic is a non-friable material which was observed in Good condition.

An asbestos-containing grey caulking was identified on the exterior walls of the building. (Sample Nos.0009 A-C). Caulking is a non-friable material which was observed in **GOOD** condition.

## Exterior Plaster

Exterior plaster finish was identified on the exterior walls of the building, Three samples were collected (Sample Nos. 0008 A-C). No asbestos was detected in the plaster.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Repair using canvas and lagging, the following;
  - 3 damaged fittings of pipe insulation rated in **FAIR** condition in Location No. 10;
2. Remove, following Type 2 Glove Bag procedures, pipe insulation rated in **POOR** condition;
  - 1 fitting in the West Basement (Location No. 12); and
3. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

## Pinchin Environmental Ltd.

Prepared by:



W2014-148

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Hazardous Materials Group  
kbrydges@pinchin.com

Reviewed by:



W2014-431

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - Phase VIII - NEWPCC - Grit Building - 2014 Survey Update - November 21, 2014.docx

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #:</b> 4		<b>Building Name:</b> Grit Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2011-04-05							
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 1		<b>Location Name:</b> Electrical Room		<b>Floor:</b> Main		<b>Room #:</b>		<b>Square ft:</b> 2080					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	2080			SF	V0000	None	
Ceiling	AT-001 - Pinholes	N/A	Surface	N/A	C	Y	2000			SF	S0001	None	
Walls		Concrete(poured)										None	
Walls		Masonry										None	
Structure	Beam, Deck	Concrete(poured)										None	
Piping	Not Found											None	
Duct	Not Found											None	
Mechanical Equipment	Not Found											None	
Other	Electrical Panel	Not Insulated										None	

Note: New VSF



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #:</b> 4		<b>Building Name:</b> Grit Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2011-04-05							
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 2		<b>Location Name:</b> Control Room		<b>Floor:</b> Main		<b>Room #:</b>		<b>Square ft:</b> 220					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	220			SF	V0000	None	
Ceiling	AT-001 - Pinholes	Lay-in ceiling tiles	Surface	N/A	C	Y	220			SF	V0001	None	
Walls		Concrete(poured)									NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: New VSF



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #:</b> 4		<b>Building Name:</b> Grit Building		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2011-04-05						
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 3		<b>Location Name:</b> Blower Room		<b>Floor:</b> Main			<b>Room #:</b>		<b>Square ft:</b> 700				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Parging over Fibreglass	Insulation	Canvas	B	Y	1	(7)		SF	V0002	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe		Survey Date: 2011-04-05							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 4		Location Name: Fan Room		Floor: Main		Room #:		Square ft: 700					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Fan Unit	Not Insulated	Surface	N/A	B	Y	7			EA	V0000	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe			Survey Date: 2011-04-05						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 5		Location Name: Grit Tank Room		Floor: Main			Room #:		Square ft: 15000				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	20	(7)		EA	S0002	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe			Survey Date: 2011-04-05						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 6		Location Name: Truck Loading Area		Floor: Main		Room #:		Square ft: 3000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0002	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe			Survey Date: 2011-04-05						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 7		Location Name: Gallery No. 1		Floor: Basement			Room #:		Square ft: 690				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0003	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #: 4</b>		<b>Building Name: Grit Building</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2011-04-05</b>						
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location Name: Abandoned Venturi</b>			<b>Floor: Basement</b>		<b>Room #:                      Square ft: 250</b>			
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	S0003	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #: 4</b>		<b>Building Name: Grit Building</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2011-04-05</b>						
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 9</b>		<b>Location Name: Stairwell Landing</b>		<b>Floor: Basement</b>			<b>Room #:</b>		<b>Square ft: 300</b>				
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0003	Confirmed Asbestos Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0003	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #: 4</b>		<b>Building Name: Grit Building</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2011-04-05</b>							
<b>Reassessment Date: 2014-10-16</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 10</b>		<b>Location Name: Southeast Basement</b>		<b>Floor: Basement</b>		<b>Room #:</b>		<b>Square ft: 1800</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>					
Floor		Concrete(poured)										NINI	None	
Ceiling	N/A											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)			EA	V0003	Confirmed Asbestos Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	17	(7)	3	(7)	EA	V0003	Confirmed Asbestos Friable	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe			Survey Date: 2011-04-05						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 11		Location Name: Northeast Basement		Floor: Basement			Room #:		Square ft: 2100				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	19	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	17	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)		EA	V0003	Confirmed Asbestos	Friable
Duct	Supply Air	Tar Paper			C	Y			900	SF	S0008	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Expansion Tank	Not Insulated									NINI	None	
Mechanical Equipment	Exchanger	Not Insulated									NINI	None	
Other	Not Found										NINI	None	

Note: Photo 6 to 8 (non asbestos containing)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe			Survey Date: 2011-04-05						
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz											
Location #: 12		Location Name: West Basement		Floor: Basement		Room #:		Square ft: 2300					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	25	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Fibreglass	Fitting	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	53	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Parging over Fibreglass	Surface	Canvas	C	Y	8	(7)		SF	S0004	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	

Note: Duct Supply Air/parging over fibreglass - on corner beads only.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #:</b> 4		<b>Building Name:</b> Grit Building		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2011-04-05							
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 13		<b>Location Name:</b> Chimney		<b>Floor:</b> Basement		<b>Room #:</b>		<b>Square ft:</b> 1400						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Not Found											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #:</b> 4		<b>Building Name:</b> Grit Building		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2011-04-05							
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 14		<b>Location Name:</b> Fan Room		<b>Floor:</b> Second		<b>Room #:</b>		<b>Square ft:</b> 900						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	N/A											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y						NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Grit Building		Surveyor: Jason Combe		Survey Date: 2011-04-05							
Reassessment Date: 2014-10-16		Reassessment Surveyor: Lambert Cruz		Location Name: Stairway to Primary		Floor: Basement		Room #:		Square ft: 100			
Location #: 15		Clarifier Bldg.											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)										None	
Ceiling	Not Found	None Found										None	
Walls	All	Concrete(poured)										None	
Structure	All	Concrete(poured)										None	
Piping	Heating Water Supply	Parging Cement	Fitting	Canvas	B	Y	5	(7)		EA	V0003	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	B	Y						None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	B	Y						None	
Piping	Heating Water Return	Parging Cement	Fitting	Canvas	B	Y	6	(7)		EA	V0003	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Not Found	None Found										None	





November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
North End Water Pollution Control Centre Primary Clarifier Building  
2230 Main Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos bulk sampling for the North End Water Pollution Control Centre Primary Clarifier Building. This bulk sampling was completed at the request of the City of Winnipeg Water and Waste Department.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey update completed by Pinchin Ltd. The original survey report for the North End Water Pollution Control Centre Primary Clarifier Building was dated March 6, 2007. The results of the original report and subsequent survey update report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the North End Water Pollution Control Centre Primary Clarifier where the original report had indicated asbestos-containing materials (ACMs) were present and a bulk sampling of a room in the North End Water Pollution Control Centre Primary Clarifier Building where bulk sampling was requested and is found to be non asbestos-containing. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. Updated HMIS data sheets are attached.

Six bulk samples were collected. Please reference the attached Lab ID 142056

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the North End Water Pollution Control Centre Primary Clarifier Building. This investigation report will detail changes to the original report only. This report is not intended to be a stand

alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for North End Water Pollution Control Centre Primary Clarifier Building was completed by Lambert Cruz of Pinchin Environmental Ltd. on October 15, 2014.

## **FINDINGS**

### **Pipe Systems**

Asbestos-containing pipe insulation on fittings in the North Covered Walkway (Location No. 01), South Covered Walkway (Location No. 2), Southwest Covered Walkway (Location No. 3), Control Chamber Room (Location No. 4), Loading Area (Location No. 5), Ventilation Room (Location No. 9), East Gallery Tank No. 5 (Location No. 11), North Wall (Location No. 12), West and South Wall (Location No. 13), Sludge Pump Room (Location No. 14), Scum Room (Location No. 15), Gallery No. 4 (Location No. 16), Primary Clarifier Gallery (Location No. 18), Control Chamber Basement (Location No. 19) and Gallery No. 3 (Location No. 21) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following damage was noted during the 2014 update:

<b>Location</b>	<b>Quantity and Condition of Damage</b>
North Covered Walkway (Location No. 01)	1 fitting rated in <b>POOR</b> condition

### **Exterior Plaster Finish**

Plaster is present as finish on exterior wall of the building. Three samples of the plaster were collected (Sample Nos. 0010 A-C). No asbestos was detected.

Please refer to the attached Lab results.

### **Other Asbestos-Containing Materials**

A grey asbestos-containing caulking is present on the exterior walls of the building (Sample Nos. Caulking is a non-friable material which was observed in Good condition.

Please refer to the attached Lab results.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Remove following Type 2 Glove Bag procedures, pipe insulation rated in **POOR** condition:
  - 1 fitting in the North Covered Walkway (Location No. 01);
2. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### Pinchin Environmental Ltd.

Prepared by:



W2014-149

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Hazardous Materials Group  
kbrydges@pinchin.com

Reviewed by:



W2014-432

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - NEWPCC - Primary Clarifier - 2014 Survey Update - November 21, 2014.docx

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: North Covered		Floor: Main		Room #:		Square ft: 800				
Location #: 1		Walkway												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Metal									NINI	None		
Structure	Beam, Deck	Metal									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging Cement	Fitting	Canvas	C	Y	5	(7)			EA	V0007	[None]	Friable
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4			1	EA	S0001	None	
Piping	Heating Water Supply	Parging Cement	Fitting	Canvas	C	Y	5	(7)			EA	V0007	Confirmed Asbestos	Friable
Piping	Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)			EA	V0009	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Flushing Water	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Primary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-18  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 2      **Location Name:** South Covered Walkway      **Floor:** Main      **Room #:**      **Square ft:** 800

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Metal									NINI	None		
Structure	Beam, Deck	Metal									NINI	None		
Piping	Flushing Water	Parging Cement	Fitting	Canvas	C	Y	6	(7)		EA	S0009	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	S0006	None		
Piping	Flushing Water	Fibreglass	Straight	Canvas	C	Y						None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0007	Confirmed Asbestos	Friable	
Duct	Supply Air	Not Insulated				N					NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		

Note: Parging Cement taken from Fitting, Hot Water Return, Location 2 (South Covered Walkway), Basement, Primary Clarifier Building, North End Water Pollution Control Centre S0001 lab ref b79951 Proj no 64892 reflected as S0006 in HMIS



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Primary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-18  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 3      **Location Name:** Southwest Covered      **Floor:** Main      **Room #:**      **Square ft:** 650  
**Walkway**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Metal									NINI	None		
Structure	Beam, Deck	Metal									NINI	None		
Piping	Heating Water Supply	Abated Material	Fitting	Canvas	C	Y				EA	V0007	[None]		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Abated Material	Fitting	Canvas	C	Y				EA	V0001	[None]		
Piping	Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0009	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Flushing Water	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: Control Chamber		Floor: Main		Room #:		Square ft:				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)			EA	V0011	Confirmed Asbestos	Friable
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	32				LF	S0002	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)			EA	S0010	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)			EA	V0007	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y	2				NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: Loading Area		Floor: Main		Room #:		Square ft: 750			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	31	(7)		EA	V0011	Confirmed Asbestos	Friable
Piping	Flushing Water	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	24			LF	V0002	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0011	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)		EA	V0009	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	29	(7)		EA	V0007	Confirmed Asbestos	Friable
Duct	Fresh Air Intake	Parging over Fibreglass	Fitting	Canvas	C	Y	7		1	EA	S0003	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Fresh Air Intake	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Fibreglass	Surface	Canvas	C	Y					NINI	None	
Other	Not Found					N					NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 6		Location Name: Washroom		Floor: Main		Room #:		Square ft: 40					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 7		Location Name: Control Room		Floor: Main		Room #:		Square ft: 120					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	120			SF	V0000	None	
Ceiling	AT-001 - Pinholes and fissures, glue on tile	Glued-on ceiling tiles	Surface	N/A	C	Y	110	10		SF	S0004	None	
Ceiling		Drywall										None	
Walls		Masonry									NINI	None	
Structure	N/A					NA					NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: New VSF



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 8		Location Name: Electrical Room		Floor: Main		Room #:		Square ft: 120					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Floor		Rubber									NINI	None	
Ceiling		Drywall										None	
Walls		Masonry									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	





**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Primary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-18  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 10      **Location Name:** East Gallery Tank No. 4      **Floor:** Main      **Room #:**      **Square ft:** 600

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	N/A									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Abated Material	Fitting	Canvas	C	Y			EA	V0007	[None]		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Abated Material	Fitting	Canvas	C	Y			EA	V0001	[None]		
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	12		EA	S0005	None		
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	11	1	EA	S0008	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Air Handling Unit	Fibreglass	Surface	Canvas	C	Y				NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Primary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-18  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 11      **Location Name:** East Gallery Tank No. 5      **Floor:** Main      **Room #:**      **Square ft:** 600

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)		EA	V0007	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	6		2	EA	V0001	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)		EA	V0011	Confirmed Asbestos	Friable	
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10			EA	V0005	None		
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10			EA	V0005	None		
Duct	Not Found										NINI	None		
Duct	Air Handling Unit	Parging over Fibreglass	Surface	Canvas	C	Y	100			%	S0012	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 12		Location Name: North Wall		Floor: Main		Room #:		Square ft: 300					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	4	(7)		EA	V0010	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 13		Location Name: West and South Wall		Floor: Main		Room #:		Square ft: 1500					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	D	Y					NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	Y	2	(7)		EA	V0010	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Fan Unit	Not Insulated	Surface	N/A	B	Y	6			EA	V0000	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe			Survey Date: 2006-04-18						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 14		Location Name: Sludge Pump Room		Floor: Basement		Room #:		Square ft: 2000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	15	(7)		EA	V0011	Confirmed Asbestos	Friable
Piping	Flushing Water	Fibreglass		Canvas	C	Y					NINI	None	
Piping	Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y	14	(7)		EA	V0009	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	17	(7)		EA	V0007	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe			Survey Date: 2006-04-18						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 15		Location Name: Scum Room		Floor: Basement		Room #:		Square ft: 800					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	14	(7)		EA	S0011	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	28	(7)		EA	S0007	Confirmed Asbestos	Friable
Piping	Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0009	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	28			EA	V0001	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Exchanger	Not Insulated									NINI	None	
Other	Not Found										NINI	None	

Note: Parging Cement taken from Fitting, Hot Water Supply, Location 15 (Scum Room), Basement, Primary Clarifier Building, North End Water Pollution Control Centre S0002 lab ref b79951 Proj no 64892 reflected as S0007 in HMIS



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe			Survey Date: 2006-04-18						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 16		Location Name: Gallery No. 4		Floor: Basement		Room #:		Square ft: 1700					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	14	(7)		EA	V0011	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	28	(7)		EA	V0007	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 17		Location Name: Gallery No. 6		Floor: Basement		Room #:		Square ft: 1700					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-18								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: Primary Clarifier		Floor: Basement		Room #:		Square ft: 1360				
Location #: 18		Gallery												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	N/A										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)			EA	V0011	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)	1	(7)	EA	V0007	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Primary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-18  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 19      **Location Name:** Control Chamber      **Floor:** Basement      **Room #:**      **Square ft:** 800  
**Basement**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0011	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0007	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

<b>Building #: 5</b>		<b>Building Name: Primary Clarifier</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-18</b>							
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 20</b>		<b>Location Name: Gallery No. 5</b>		<b>Floor: Basement</b>		<b>Room #:</b>		<b>Square ft: 3584</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

Building #: 5		Building Name: Primary Clarifier		Surveyor: Jason Combe			Survey Date: 2006-04-18						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 21		Location Name: Gallery No. 3		Floor: Basement		Room #:		Square ft: 1100					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	N/A										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	22	(7)		EA	V0011	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	9	(7)		EA	V0007	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	





November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
North End Water Pollution Control Centre Secondary Clarifiers  
2230 Main Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the North End Water Pollution Control Centre Secondary Clarifiers. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey update report completed by Pinchin Ltd. The original survey report for the North End Water Pollution Control Centre Secondary Clarifiers was dated March 6, 2007. The results of the original report and subsequent survey update report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the North End Water Pollution Control Centre Secondary Clarifiers where the original report had indicated asbestos-containing materials (ACMs) were present and a bulk sampling of a room in the North End Water Pollution Control Centre Secondary Clarifiers Building where bulk sampling was requested. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online.

Updated HMIS data sheets are attached.

Six bulk samples were collected. Please reference attached Lab ID 1420566.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the North End Water Pollution Control Centre Secondary Clarifiers. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the North End Water Pollution Control Centre Secondary Clarifiers was completed by Lambert Cruz of Pinchin Ltd. on October 15, 2014.

## FINDINGS

### Pipe Systems

Asbestos-containing pipe insulation in the Main Gallery A (Location No. 1), Tanks 23 – 26 (Location No. 2), Tanks 19 – 22 (Location No. 3), Gallery B (Location No. 4), Tanks 1 – 6 (Location No. 5), Fan House (Location No. 6), Gallery C (Location No. 7), Tanks 15 – 18 (Location No. 8), Tanks 11 – 14 (Location No. 9), Gallery D (Location No. 10), Tanks 7 – 10 (Location No. 11), Gym (Location No. 12), Junction Chamber (Location No. 21), Mechanical Shop (Location No. 31), Fan Room (Location No. 49), Lunchroom (Location No. 54), Men's Washroom (Location No. 55), Ventilation Room (Location No. 58), and Mechanical Room/Gym (Location No. 59) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Main Gallery A (Location No. 1)	1 fitting rated in <b>FAIR</b> condition
Tanks 23 – 26 (Location No. 2)	1 fitting rated in <b>FAIR</b> condition 1 fitting rated in <b>POOR</b> condition
Tanks 1-6 (Location No. 5)	2 fitting rated in <b>FAIR</b> condition
Tanks 15-18 (Location No. 8)	1 fitting rated in <b>FAIR</b> condition and 1 fittings rated in <b>POOR</b> condition
Tanks 7-10 (Location No. 11)	1 fitting rated in <b>FAIR</b> condition
Gym (Location No. 12)	4 fittings rated in <b>FAIR</b> condition

### Mechanical Insulation

Asbestos-containing insulation on heat exchangers in the Main Gallery A (Location No. 1), Gallery B (Location No. 4), Gallery C (Location No. 7), Gallery D (Location No. 10), Southwest

Gallery (Location No. 15), Southeast Gallery (Location No. 17) and North Basement (Location No. 30) are generally maintained in **GOOD** condition with minor amounts rated in **FAIR** condition.

Asbestos-containing insulation on an expansion tank in the Ventilation Room (Location No. 58) is maintained in **GOOD** condition.

The following damage was noted during the 2014 update:

<b>Location</b>	<b>Quantity and Condition of Damage</b>
Gallery C (Location No. 7)	3 square feet of heat exchanger insulation rated in <b>FAIR</b> condition
Southwest Gallery (Location No. 15)	1 square foot of heat exchanger insulation rated in <b>FAIR</b> condition
Southeast Gallery (Location No. 17)	5 square feet of heat exchanger insulation rated in <b>POOR</b> condition
North Basement (Location No. 30)	3 square feet of heat exchanger insulation rated in <b>FAIR</b> condition

### **Stucco**

Stucco finish is present on the exterior walls of the building. Three samples of stucco finish were collected. No asbestos was detected in the stucco.

Please reference the attached Lab ID 1420566.

### **Other Asbestos-Containing Materials**

A black tar mastic is present on exterior walls of the building. Three samples of the mastic were collected (Sample Nos. 00012 A-C) .Asbestos was detected in the mastic.

Please reference the attached Lab ID 1420566.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Repair, using canvas and lagging, pipe, and mechanical insulation rated in **FAIR** condition.
2. Remove, following Type 2 Glove Bag procedures, pipe insulation rated in **POOR** condition.
3. Repair, following Type 2 procedure or remove following Type 3 procedures, mechanical insulation rated in **POOR** condition.
4. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### Pinchin Ltd.

Prepared by:



W2014-145

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Hazardous Materials Group  
kbrydges@pinchin.com

Reviewed by:



W2014-428

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWDI - NEWPCC - Secondary Clarifiers - 2014 Survey Update - November 21, 2014.docx

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: Main Gallery A		Floor: Main		Room #:		Square ft: 1500				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability	
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0001	None	
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	9				EA	S0001	None	
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	11				EA	S0009	None	
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping one	Rain Water Leader	Foamglass	Straight	Canvas	C	Y						NINI	None	
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	4				EA	V0001	None	
Piping one	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	9	(7)	1	(7)	EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None	
Duct	Fresh Air Intake	Abated Material	Surface	Canvas	C	Y					SF	S0003	[None]	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	25	(7)			SF	V0003	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



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**Building Number(s):** 6  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20										
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz														
Location #: 2		Location Name: Tanks 23 - 26		Floor: Main		Room #:			Square ft: 3600							
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		Concrete(poured)										NINI	None			
Ceiling	Not Found											NINI	None			
Walls		Concrete(poured)										NINI	None			
Structure	Beam, Deck	Concrete(poured)										NINI	None			
Piping	Rain Water Leader	Foamglass										NINI	None			
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)	1	(7)	1	(4)	EA	S0002	Confirmed Asbestos	Friable
Duct	Not Found											NINI	None			
Mechanical Equipment	Not Found											NINI	None			
Other	Not Found											NINI	None			



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 3		Location Name: Tanks 19 - 22		Floor: Main		Room #:		Square ft: 3600					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Foamglass									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	16	(7)		EA	V0002	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location #: 4		Location Name: Gallery B		Floor: Main		Room #:		Square ft: 1500		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability	
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0001	None	
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	12				EA	V0001	None	
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	11		1		EA	V0001	None	
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping one	Rain Water Leader	Foamglass	Straight	Canvas	C	Y						NINI	None	
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0001	None	
Piping one	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)			EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None	
Duct	Fresh Air Intake	Abated Material	Surface	Canvas	C	Y					SF	V0003	[None]	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	24	(7)			SF	V0003	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location #: 5		Location Name: Tanks 1 - 6		Floor: Main		Room #:		Square ft: 48000		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping one	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5				EA	V0001	None	
Piping two	Glycol Return	Fibreglass	Straight									NINI	None	
Piping two	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0001	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	35	(7)	2	(7)	EA	V0002	Confirmed Asbestos Friable	
Piping one	Glycol Supply	Fibreglass	Straight									NINI	None	
Piping	Rain Water Leader	Foamglass										NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 6		Location Name: Fan House		Floor: Main		Room #:		Square ft: 5400					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Foamglass									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)		EA	V0002	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location #: 7		Location Name: Gallery C		Floor: Main		Room #:		Square ft: 1500		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8				EA	V0001	None	
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	16		1		EA	V0001	None	
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	13		3		EA	V0001	None	
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping one	Rain Water Leader	Foamglass	Straight	Canvas	C	Y						NINI	None	
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0001	None	
Piping one	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)			EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None	
Duct	Fresh Air Intake	Abated Material	Surface	Canvas	C	Y					SF	S0003	[None]	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	22	(7)	3	(6)	SF	V0003	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: Tanks 15 - 18		Floor: Main		Room #:		Square ft: 3600				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability	
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)	1	(4)	EA	V0002	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Foamglass										NINI	None	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		
Other	Debris	Parging Cement	Insulation		C	Y					SF	V0002	Presumed Asbestos	Friable



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20										
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz														
Location #: 9		Location Name: Tanks 11 - 14		Floor: Main		Room #:			Square ft: 3600							
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Floor		Concrete(poured)										NINI	None			
Ceiling	Not Found											NINI	None			
Walls		Concrete(poured)										NINI	None			
Structure	Beam, Deck	Concrete(poured)										NINI	None			
Piping	Rain Water Leader	Foamglass										NINI	None			
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	7	(7)	1	(7)	2	(4)	EA	V0002	Confirmed Asbestos	Friable
Duct	Not Found											NINI	None			
Mechanical Equipment	Not Found											NINI	None			
Other	Not Found											NINI	None			



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location #: 10		Location Name: Gallery D		Floor: Main		Room #:		Square ft: 1500		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8				EA	V0001	None	
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10				EA	V0001	None	
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10				EA	V0001	None	
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping one	Rain Water Leader	Foamglass	Straight	Canvas	C	Y						NINI	None	
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0001	None	
Piping one	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)	1	(7)	EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None	
Duct	Fresh Air Intake	Abated Material	Surface	Canvas	C	Y					SF	V0003	[None]	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	25	(7)			SF	V0003	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



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**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location Name: Tanks 7-10		Floor: Main		Room #:		Square ft: 32000				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping one	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0001	None	
Piping two	Glycol Return	Fibreglass	Straight									NINI	None	
Piping two	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	9				EA	V0001	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)	1	(7)	EA	V0002	Confirmed Asbestos	Friable
Piping one	Glycol Supply	Fibreglass	Straight									NINI	None	
Piping	Rain Water Leader	Foamglass										NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz												
Location #: 12		Location Name: Gym		Floor: Second			Room #:		Square ft: 1000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)	4	(7)	EA	V0002	Confirmed Asbestos	Friable
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 13		Location Name: Scum Gallery		Floor: Basement		Room #:		Square ft: 3840					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 14		Location Name: North/South Gallery		Floor: Basement		Room #:		Square ft: 2400					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8			EA	V0001	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	9			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location #: 15		Location Name: Southwest Gallery		Floor: Basement		Room #:		Square ft: 1220		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	34				EA	V0001	None	
Piping five	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping five	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	23				EA	V0001	None	
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4				EA	V0001	None	
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7		2		EA	V0001	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	35	(7)	1	(6)	SF	V0003	Confirmed Asbestos Friable	
Other	Not Found											NINI	None	

Note: 1 SF of Heat Exchanger insulation in FAIR condition at the back location



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 16		Location Name: RAS Gallery		Floor: Basement			Room #:		Square ft: 12500				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	16			EA	V0001	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	16			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20									
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz		Location #: 17		Location Name: Southeast Gallery		Floor: Basement		Room #:		Square ft: 1220			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Beam, Deck	Concrete(poured)										NINI	None		
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0001	None		
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	16				EA	V0001	None		
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0001	None		
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping one	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8				EA	V0001	None		
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping one	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Duct	Not Found											NINI	None		
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	31	(7)		5	(3)	SF	V0003	Confirmed Asbestos	Friable
Other	Debris	Fibreglass w/Parging	Surface	N/A	B	Y				7	(1)	SF	V0003	Confirmed Asbestos	Friable
Other	Not Found											NINI	None		

Note: Approximately 7 SF of parging debris found on adjacent surfaces near exchanger.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 18		Location Name: Stairwell		Floor: Basement-Reactor		Room #:		Square ft: 160					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	160			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 19		Location Name: East Gallery		Floor: Basement-Reactor		Room #:		Square ft: 1920					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10			EA	V0001	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz			Location Name: South Gallery			Floor: Basement-Reactor		Room #: Square ft: 2400			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	19			EA	V0001	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	19			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 21		Location Name: Junction Chamber		Floor: Main-Reactor		Room #:		Square ft: 900					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	9			EA	V0001	None	
Piping three	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0001	None	
Piping three	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0002	Confirmed Asbestos	Friable
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0001	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #: 160		Square ft: 160					
Location #: 22		Location Name: Foyer		Floor: Main-Reactor									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	160			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 23		Location Name: Stairwell		Floor: Main-Reactor		Room #:		Square ft: 160					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	160			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 24		Location Name: Control Room		Floor: Main-Reactor		Room #:		Square ft: 1100					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	1100			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 25		Location Name: Electrical Room		Floor: Main-Reactor		Room #:		Square ft: 1100					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	1100			SF	S0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	



Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 26		Location Name: Access Building		Floor: Main-Reactor		Room #:		Square ft: 100					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	100			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6			EA	V0001	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Exhaust	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 27		Location Name: Computer Room		Floor: Main-Reactor		Room #:		Square ft: 550					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	550			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 28		Location Name: South Basement		Floor: Basement-Blower		Room #:		Square ft: 9900					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8		1	EA	V0001	None	
Piping three	WELL WATER	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping three	WELL WATER	Parging over Fibreglass	Fitting	Canvas	C	Y	4			EA	V0001	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	4			EA	V0001	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Expansion Tank	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 29		Location Name: Storage		Floor: Basement-Blower		Room #:		Square ft: 2700					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Drywall										None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	20			EA	V0001	None	
Piping one	WELL WATER	Parging over Fibreglass	Fitting	Canvas	C	Y	4			EA	V0001	None	
Piping one	WELL WATER	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20								
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz			Location #: 30			Location Name: North Basement		Floor: Basement-Blower		Room #:		Square ft: 9900	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability		
							Good	Fair	Poor						
Floor		Concrete(poured)									NINI	None			
Ceiling	Not Found										NINI	None			
Walls		Concrete(poured)									NINI	None			
Structure	Beam, Deck	Concrete(poured)									NINI	None			
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping two	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5			EA	V0001	None			
Piping four	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping four	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	40		3	EA	V0001	None			
Piping two	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	15			EA	V0001	None			
Piping one	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping one	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	30		2	EA	V0001	None			
Duct	PROCESS AIR	Parging over Fibreglass	Fitting	Canvas	C	Y	11			EA	S0005	None			
Duct	Supply Air	Not Insulated									NINI	None			
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y					NINI	None			
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	17	(7)		SF	V0003	Confirmed Asbestos	Friable		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None			
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	28	(7)	3 (6)	SF	V0003	Confirmed Asbestos	Friable		
Other	Not Found										NINI	None			

Note: 3 SF in FAIR condition at the back of the heat exchanger - shredding is just paint for now



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #: Square ft: 5000							
Location #: 31		Location Name: Mechanical Shop		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Floor		Wood									NINI	None	
Ceiling		Metal									NINI	None	
Walls		Masonry									NINI	None	
Structure	Not Accessible										NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	D	N	24				LF	V0008	None
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	D	N	6	(7)			EA	V0002	Confirmed Asbestos Friable
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: No access above the mechanically fastened ceiling tiles.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
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<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 32</b>			<b>Location Name: Foyer</b>		<b>Floor: Main-Blower</b>		<b>Room #: Square ft: 400</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



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Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #: 2550		Square ft: 2550					
Location #: 33		Location Name: Switch Gear Room		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	2550			SF	S0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	5			EA	V0001	None	
Piping three	WELL WATER	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0001	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4		1	EA	V0001	None	
Piping three	WELL WATER	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 34		Location Name: Hallway		Floor: Main-Blower		Room #:		Square ft: 1500					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	1500			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	1500			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-20</b>								
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>		<b>Location #: 35</b>		<b>Location Name: Storage Room</b>		<b>Floor: Main-Blower</b>		<b>Room #: Square ft: 400</b>				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Masonry										NINI	None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-20</b>								
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>		<b>Location #: 36</b>		<b>Location Name: Office</b>		<b>Floor: Main-Blower</b>		<b>Room #: Square ft: 64</b>				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	64					SF	V0000	None
Ceiling		Drywall												None
Walls		Drywall												None
Structure	Not Accessible											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location Name: Electrical Room</b>			<b>Floor: Main-Blower</b>		<b>Room #: Square ft: 400</b>			
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling	AT-003 - Pinholes	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0007	None	
Walls		Masonry									NINI	None	
Structure	Steel Truss	Metal									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 38		Location Name: Instrument Room		Floor: Main-Blower		Room #:		Square ft: 400					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling	AT-003 - Pinholes	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0007	None	
Walls		Masonry									NINI	None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>							<b>Square ft: 1600</b>				
<b>Location #: 39</b>		<b>Location Name: PCU Room</b>		<b>Floor: Main-Blower</b>			<b>Room #:</b>						
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	1600			SF	V0000	None	
Ceiling	AT-003 - Pinholes	Lay-in ceiling tiles	Surface	N/A	C	Y	1600			SF	V0007	None	
Walls		Masonry									NINI	None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-20</b>							
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 40</b>		<b>Location Name: Storage</b>		<b>Floor: Main-Blower</b>		<b>Room #:</b>		<b>Square ft: 50</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	50			SF	V0000	None	
Ceiling		Metal									NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 300					
Location #: 41		Location Name: Office		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	300			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location Name: Hallway</b>			<b>Floor: Main-Blower</b>		<b>Room #: Square ft: 200</b>			
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	200			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	200			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 600					
Location #: 43		Location Name: Women's Washroom		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	600			SF	V0006	None	
Walls		Ceramic Tiles									NINI	None	
Walls		Drywall										None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #: 350		Square ft: 350					
Location #: 44		Location Name: Men's Washroom		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	350			SF	V0006	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 45</b>			<b>Location Name: Storage</b>		<b>Floor: Main-Blower</b>		<b>Room #: Square ft: 200</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	200			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	200			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 300					
Location #: 46		Location Name: Storage		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	300			SF	S0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0001	None	
Piping two	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	1			EA	V0001	None	
Piping one	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	2			EA	V0001	None	
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 47		Location Name: Transformer Room		Floor: Main-Blower		Room #:		Square ft: 360					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	All	Fibreglass		Canvas	C	Y					NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 120					
Location #: 48		Location Name: Vestibule		Floor: Main-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	120			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 49		Location Name: Fan Room		Floor: Second-Blower		Room #:		Square ft: 225					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping three	WELL WATER	Parging over Fibreglass	Fitting	Canvas	C	Y	4			EA	V0001	None	
Piping three	WELL WATER	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping four	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0002	Confirmed Asbestos	Friable
Piping two	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0001	None	
Piping four	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	15			LF	S0008	None	
Piping one	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	11			EA	V0001	None	
Piping one	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	B	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 50</b>			<b>Location Name: Lecture Room</b>		<b>Floor: Second-Blower</b>		<b>Room #: Square ft: 400</b>	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	400			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	400			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept

**Site:** North End Water Pollution Control Centre

**Building Number(s):** 6

**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 51</b>			<b>Location Name: Office</b>		<b>Floor: Second-Blower</b>		<b>Room #: Square ft: 420</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	420			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	420			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location Name: Hallway</b>			<b>Floor: Second-Blower</b>		<b>Room #: Square ft: 1100</b>			
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	1100			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	1100			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 53</b>			<b>Location Name: Office</b>		<b>Floor: Second-Blower</b>		<b>Room #: Square ft: 420</b>	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	420			SF	V0000	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	420			SF	V0006	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 54		Location Name: Lunchroom		Floor: Second-Blower		Room #:		Square ft: 720					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	720				SF	V0000	None
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	720				SF	V0006	None
Walls		Masonry										NINI	None
Structure	Beam, Deck	Concrete(poured)										NINI	None
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	8				LF	V0008	None
Piping	Rain Water Leader	Aircell	Straight	Canvas	C	N	6	(7)			LF	V9000	Confirmed Asbestos Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	2	(7)			LF	V0002	Confirmed Asbestos Friable
Duct	Supply Air	Not Insulated										NINI	None
Duct	Return Air	Not Insulated										NINI	None
Mechanical Equipment	Not Found											NINI	None
Other	Not Found											NINI	None

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-20							
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz				Room #: 1600		Square ft: 1600					
Location #: 55		Location Name: Men's Washroom		Floor: Second-Blower									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	AT-002 - Small Fissures and Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	1600			SF	V0006	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	8			LF	V0008	None	
Piping	Rain Water Leader	Aircell	Straight	Canvas	C	N	18	(7)		LF	V9000	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	1	(7)		EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 56</b>			<b>Location Name: Storage</b>		<b>Floor: Second-Blower</b>		<b>Room #: Square ft: 100</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100			SF	V0000	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	100			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Secondary Clarifiers</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-20</b>						
<b>Reassessment Date: 2014-10-15</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 57</b>			<b>Location Name: Storage</b>		<b>Floor: Second-Blower</b>		<b>Room #: Square ft: 100</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100			SF	V0000	None	
Ceiling	AT-001 - Fissures and Irregular holes	Lay-in ceiling tiles	Surface	N/A	C	Y	100			SF	V0004	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	All	Not Insulated									NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifiers		Surveyor: Jason Combe			Survey Date: 2006-04-20						
Reassessment Date: 2014-10-15		Reassessment Surveyor: Lambert Cruz											
Location #: 58		Location Name: Ventilation Room		Floor: Second-Blower			Room #:		Square ft: 1600				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping three	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8			EA	V0001	None	
Piping four	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping five	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0002	Confirmed Asbestos	Friable
Piping three	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping five	Rain Water Leader	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping four	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8			EA	V0001	None	
Piping two	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping one	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping two	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	13			EA	V0001	None	
Piping one	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	15			EA	V0001	None	
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Expansion Tank	Fibreglass w/Parging	Surface	Canvas	B	Y	12	(7)		SF	V0003	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** North End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-20  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 59      **Location Name:** Mechanical      **Floor:** Second-Blower      **Room #:**      **Square ft:** 2100  
**Room/Gym**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Rain Water Leader	Aircell	Straight	Canvas	C	Y	8	(7)		LF	V9000	Confirmed Asbestos	Friable	
Piping	Rain Water Leader	Fibreglass	Fitting	Polyvinyl chloride (PVC)	C	Y	100			%	V0000	None		
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	8			LF	V0008	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		





December 17, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey - Exterior  
North End Water Pollution Control Centre Exterior  
2230 Main Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey for the North End Water Pollution Control Centre Exterior. This survey was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey for the North End Water Pollution Control Centre Exterior was completed by Lambert Cruz of Pinchin Ltd. on October 16, 2014.

The survey included a visual inspection of the exterior walls of the North End Water Pollution Control Centre Buildings built prior to 1995.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

48 additional bulk samples were collected. Please reference attached Lab ID 1420566.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the North End Water Pollution Control Centre Exterior. This report is not intended to be a standalone report, but an addendum to the original report and subsequent updates.

## FINDINGS

### 1.0 EXTERIOR

- **Boiler Building (by Digesters Bldg)** - Laboratory analysis of Sample No. 0001A-C indicates that the plaster on the exterior wall of Boiler Building (by Digesters Bldg) do not contain asbestos.
- **Digester Building (near Tanks 1-12)** - Laboratory analysis of Sample No. 0002A-C indicates that the black tar mastic on black foam on the exterior wall of Digester Building (near Tanks 1-12) contains Chrysotile asbestos.
- **Digester Building (near Tanks 13-14)** - Laboratory analysis of Sample No. 0003A-C indicates that the transite panel on the exterior wall of Digester Building (near Tanks 13-14) contains Chrysotile asbestos.
- **Digester Building (back area)** - Laboratory analysis of Sample No. 0004A-C indicates that the hard plaster on the exterior wall of Digester Building (back area) contains Chrysotile asbestos.
- **Administration Building** - Laboratory analysis of Sample No. 0005A-C indicates that the hard plaster on the exterior wall of Administration Building do not contain asbestos.
- **Garage Building** - Laboratory analysis of Sample No. 0006A-C indicates that the (stucco) plaster on the exterior wall of Garage Building do not contain asbestos.
- **Grit Building** - Laboratory analysis of Sample No. 0007A-C indicates that the black tar mastic on black foam on the exterior base wall of Grit Building contains Chrysotile asbestos.
- **Grit Building** - Laboratory analysis of Sample No. 0008A-C indicates that the hard plaster on the exterior wall of Grit Building do not contain asbestos.
- **Grit Building** - Laboratory analysis of Sample No. 0009A-C indicates that the caulking on the exterior wall, door, window of Grit Building contains Chrysotile asbestos.
- **Clarifier Control Building (at Primary Clarifier Building)** - Laboratory analysis of Sample No. 0010A-C indicates that the hard plaster on the exterior wall of Clarifier Control Building (at Primary Clarifier Building) do not contain asbestos.
- **Clarifier Control Building (at Primary Clarifier Building)** - Laboratory analysis of Sample No. 0011A-C indicates that the caulking on the exterior wall, door, window of Clarifier Control Building (at Primary Clarifier Building) contains Chrysotile asbestos.

- **Secondary Fan Building (at Secondary Clarifier Building)** - Laboratory analysis of Sample No. 0012A-C indicates that the stucco plaster on the exterior wall of Secondary Fan Building (at Secondary Clarifier Building) do not contain asbestos.
- **Secondary Clarifier Building** - Laboratory analysis of Sample No. 0013A-C indicates that the black tar mastic on black foam on the exterior wall of Secondary Clarifier Building contains Chrysotile asbestos.
- **Oxygen Reactor Building** - Laboratory analysis of Sample No. 0014A-C indicates that the stucco plaster on the exterior wall of Oxygen Reactor Building do not contain asbestos.
- **Secondary Clarifier Office Building** - Laboratory analysis of Sample No. 0015A-C indicates that the hard plaster on the exterior wall of Secondary Clarifier Office Building do not contain asbestos.
- **BLR Bunker Building** - Laboratory analysis of Sample No. 0016A-C indicates that the hard plaster on the exterior wall of BLR Bunker Building do not contain asbestos.

Please reference attached Lab ID 1420566, samples 0001 through 0016.

The following damage was noted during the 2014 survey:

Location	Quantity and Condition of Damage
Digester Building (near Tanks 1-12)	420 SF Black Mastic rated in <b>FAIR</b> condition
Digester Building (near Tanks 13-14)	30 SF Transite Panel rated in <b>FAIR</b> condition 5 SF Transite Panel rated in <b>POOR</b> condition
Digester Building (back area)	10 SF Transite Panel rated in <b>FAIR</b> condition 15 SF Transite Panel rated in <b>POOR</b> condition
Grit Building	5 SF Black Mastic rated in <b>FAIR</b> condition 5 SF Black Mastic rated in <b>POOR</b> condition
Secondary Clarifier Building	300 SF Black Mastic rated in <b>POOR</b> condition

## RECOMMENDATIONS

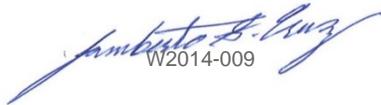
Based on the findings of our investigation, our recommendations are as noted below:

1. Repair following Type 2 asbestos procedure materials in **FAIR** condition;
2. Remove following Type 2/Type 3 procedure materials in **POOR** condition; and
3. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### Pinchin Ltd.

Prepared by:



W2014-009

per: Lambert Cruz  
*Project Technologist*  
Hazardous Materials Group  
[lcruz@pinchin.com](mailto:lcruz@pinchin.com)

Reviewed by:



W2014-478

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - North End WPCC - 2014 Exterior Survey - December 17, 2014

Attach.



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420566

**Analysis ID:** 1420566\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/28/2014

**Project:** 95079, COWWWD, North End Water  
Pollution Control Centre (NEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Plaster, Boiler Room Exterior Wall, Digesters Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_1	single layer plaster				Crushed
0001B	Plaster, Boiler Room Exterior Wall, Digesters Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_2	single layer plaster				Crushed
0001C	Plaster, Boiler Room Exterior Wall, Digesters Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_3	single layer plaster				Crushed
0002A	Black Tar Mastic on Black Foam, Exterior Wall Tanks 1-12, Digesters Bldg., NEWPCC	None Detected	10% Fiber Glass	90% Other	Black Non Fibrous Heterogeneous
1420566PLM_4					Dissolved
0002B	Black Tar Mastic on Black Foam, Exterior Wall Tanks 1-12, Digesters Bldg., NEWPCC	5% Chrysotile	10% Fiber Glass	85% Other	Black Non Fibrous Heterogeneous
1420566PLM_5					Dissolved
0002C	Black Tar Mastic on Black Foam, Exterior Wall Tanks 1-12, Digesters Bldg., NEWPCC	Not Analyzed			
1420566PLM_6					
0003A	Transite Panel, Exterior Wall Tanks 13-14, Digesters Bldg., NEWPCC (Stop Positive)	20% Chrysotile		80% Other	Gray Fibrous Heterogeneous
1420566PLM_7					Teased
0003B	Transite Panel, Exterior Wall Tanks 13-14, Digesters Bldg., NEWPCC (Stop Positive)	Not Analyzed			
1420566PLM_8					

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Bobby Wheatley (62)

Analyst

Approved Signatory



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EPA Method: 600/R-93/116 and 600/M4-82-020



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110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0003C	Transite Panel, Exterior Wall Tanks 13-14, Digesters Bldg., NEWPCC (Stop Positive)	<b>Not Analyzed</b>			
1420566PLM_9					
0004A - A	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>3% Chrysotile</b>		<b>97% Other</b>	White Non Fibrous Heterogeneous
1420566PLM_10	texture				Crushed
0004A - B	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>3% Chrysotile</b>		<b>97% Other</b>	White Non Fibrous Heterogeneous
1420566PLM_55	base 1				Crushed
0004A - C	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>3% Chrysotile</b>		<b>97% Other</b>	Gray Non Fibrous Heterogeneous
1420566PLM_56	base 2				Crushed
0004B - A	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>Not Analyzed</b>			
1420566PLM_11	texture				
0004B - B	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>Not Analyzed</b>			
1420566PLM_57	base 2				
0004C - A	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>Not Analyzed</b>			
1420566PLM_12	base 1				
0004C - B	Plaster, Exterior Wall, Digesters Bldg. Back, NEWPCC (Stop Positive)	<b>Not Analyzed</b>			
1420566PLM_58	base 2				

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Bobby Wheatley (62)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



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110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005A	Plaster, Exterior Wall, Administration Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_13	single layer plaster				Crushed
0005B	Plaster, Exterior Wall, Administration Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_14	single layer plaster				Crushed
0005C	Plaster, Exterior Wall, Administration Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_15	single layer plaster				Crushed
0006A	Stucco, Exterior Wall, Garage, NEWPCC (Stop Positive)	None Detected		100% Other 0% Quartz	Gray Non Fibrous Heterogeneous
1420566PLM_16					Crushed
0006B	Stucco, Exterior Wall, Garage, NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_17					Crushed
0006C	Stucco, Exterior Wall, Garage, NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_18					Crushed
0007A	Black Tar Mastic on Black Foam, Exterior Wall, Base, Grit Bldg., NEWPCC (Stop P	5% Chrysotile	10% Fiber Glass	85% Other	Black Non Fibrous Heterogeneous
1420566PLM_19					Dissolved
0007B	Black Tar Mastic on Black Foam, Exterior Wall, Base, Grit Bldg., NEWPCC (Stop P	Not Analyzed			
1420566PLM_20					

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Bobby Wheatley (62)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420566

**Analysis ID:** 1420566\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/28/2014

**Project:** 95079, COWWWD, North End Water  
Pollution Control Centre (NEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0007C	Black Tar Mastic on Black Foam, Exterior Wall, Base, Grit Bldg., NEWPCC (Stop P	Not Analyzed			
1420566PLM_21					
0008A	Plaster, Exterior Wall, Top, Grit Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_22	single layer plaster				Crushed
0008B	Plaster, Exterior Wall, Top, Grit Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_23	single layer plaster				Crushed
0008C	Plaster, Exterior Wall, Top, Grit Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_24	single layer plaster				Crushed
0009A	Caulking, Exterior Wall, Grit Bldg., NEWPCC (Stop Positive)	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1420566PLM_25					Ashed
0009B	Caulking, Exterior Door, Grit Bldg., NEWPCC (Stop Positive)	Not Analyzed			
1420566PLM_26					
0009C	Caulking, Exterior Window, Grit Bldg., NEWPCC (Stop Positive)	Not Analyzed			
1420566PLM_27					
0010A	Plaster, Exterior Wall, Clarifier Control Bldg. (at Primary Clarifier Bldg), NEW	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_28	single layer plaster				Crushed

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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0010B	Plaster, Exterior Wall, Clarifier Control Bldg.(at Primary Clarifier Bldg), NEW	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_29					Crushed
0010C	Plaster, Exterior Wall, Clarifier Control Bldg.(at Primary Clarifier Bldg), NEW	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_30					Crushed
0011A	Caulking, Exterior Wall, Clarifier Control Bldg.(at Primary Clarifier Bldg), NEW	None Detected		100% Other	Gray Non Fibrous Homogeneous
1420566PLM_31					Ashed
0011B	Caulking, Exterior Door, Clarifier Control Bldg.(at Primary Clarifier Bldg), NEW	None Detected		100% Other	Gray Non Fibrous Homogeneous
1420566PLM_32					Ashed
0011C	Caulking, Exterior Window, Clarifier Control Bldg.(at Primary Clarifier Bldg), NEW	5% Chrysotile		95% Other	Gray Non Fibrous Heterogeneous
1420566PLM_33					Crushed
0012A	Stucco, Exterior Wall, Secondary Fan Bldg. at Secondary Clarifier, NEWPC	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_34					Crushed
0012B	Stucco, Exterior Wall, Secondary Fan Bldg. at Secondary Clarifier, NEWPC	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_35					Crushed
0012C	Stucco, Exterior Wall, Secondary Fan Bldg. at Secondary Clarifier, NEWPC	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_36					Crushed

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
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**Lab Order ID:** 1420566

**Analysis ID:** 1420566\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/28/2014

**Project:** 95079, COWWWD, North End Water  
Pollution Control Centre (NEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0013A	Black Tar Mastic on Black Foam, Exterior Wall, Secondary Clarifiers Bldg., N	3% Chrysotile	5% Fiber Glass	92% Other	Black Non Fibrous Heterogeneous
1420566PLM_37					Dissolved
0013B	Black Tar Mastic on Black Foam, Exterior Wall, Secondary Clarifiers Bldg., N	Not Analyzed			
1420566PLM_38					
0013C	Black Tar Mastic on Black Foam, Exterior Wall, Secondary Clarifiers Bldg., N	Not Analyzed			
1420566PLM_39					
0014A	Stucco, Exterior Wall, Oxygen Reactor, NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_40					Crushed
0014B	Stucco, Exterior Wall, Oxygen Reactor, NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_41					Crushed
0014C	Stucco, Exterior Wall, Oxygen Reactor, NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_42					Crushed
0015A	Plaster, Exterior Wall, Secondary Clarifier Office Bldg., NEWPCC (Stop Positiv	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_43	single layer plaster				Crushed
0015B	Plaster, Exterior Wall, Secondary Clarifier Office Bldg., NEWPCC (Stop Positiv	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_44	single layer plaster				Crushed

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**Date Reported:** 10/28/2014

**Project:** 95079, COWWWD, North End Water  
Pollution Control Centre (NEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0015C	Plaster, Exterior Wall, Secondary Clarifier Office Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_45	single layer plaster				Crushed
0016A	Plaster, Exterior Wall, BLR Bunker Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_46	single layer plaster				Crushed
0016B	Plaster, Exterior Wall, BLR Bunker Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_47	single layer plaster				Crushed
0016C	Plaster, Exterior Wall, BLR Bunker Bldg., NEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_48	single layer plaster				Crushed
0017A - A	Plaster, Ceiling, Location 4, Storage Room, Main Floor, Administration Bldg., NEWP	None Detected		100% Other	White Non Fibrous Homogeneous
1420566PLM_49	finish				Crushed
0017A - B	Plaster, Ceiling, Location 4, Storage Room, Main Floor, Administration Bldg., NEWP	None Detected	2% Hair	98% Other	Gray Non Fibrous Heterogeneous
1420566PLM_59	base				Crushed
0017B - A	Plaster, Ceiling, Location 5, Electrical/Mechanical Room, Main Floor, Administration Bl	None Detected		100% Other	White Non Fibrous Homogeneous
1420566PLM_50	finish				Crushed
0017B - B	Plaster, Ceiling, Location 5, Electrical/Mechanical Room, Main Floor, Administration Bl	None Detected	2% Hair	98% Other	Gray Non Fibrous Heterogeneous
1420566PLM_60	base				Crushed

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

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Winnipeg MB R2J 4G7

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**Lab Order ID:** 1420566

**Analysis ID:** 1420566\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/28/2014

**Project:** 95079, COWWWD, North End Water  
Pollution Control Centre (NEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0018A - A	Plaster, Wall, Location 4, Storage Room, Main Floor, Administration Bldg., NEWP	None Detected		100% Other	White Non Fibrous Homogeneous
1420566PLM_51	finish				Crushed
0018A - B	Plaster, Wall, Location 4, Storage Room, Main Floor, Administration Bldg., NEWP	None Detected	2% Hair	98% Other	Gray Non Fibrous Heterogeneous
1420566PLM_61	base				Crushed
0018B - A	Plaster, Wall, Location 8, Electrical Room, Main Floor, Administration Bldg., NEWP	None Detected		100% Other	White Non Fibrous Homogeneous
1420566PLM_52	finish				Crushed
0018B - B	Plaster, Wall, Location 8, Electrical Room, Main Floor, Administration Bldg., NEWP	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420566PLM_62	base				Crushed
0019A	Parging, Debris, Location 2, Tanks 23-26, Secondary Clarifiers Bldg., NEWPCC	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Heterogeneous
1420566PLM_53					Teased
0020A	Black Tar Masticon Foam, Duct, Location 11, Northeast Basement, Grit Bldg., NEWP	None Detected		100% Other	Black Non Fibrous Heterogeneous
1420566PLM_54					Dissolved

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Bobby Wheatley (62)

Analyst

Approved Signatory



**Client:** City of Winnipeg Water and Waste Dept  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 1, 2, 3, 4, 5, 6, 7, 8

**Site:** North End Water Pollution Control Centre

## Custom Report

<b>Building #:</b> 1		<b>Building Name:</b> Administration		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-19								
<b>Reassessment Date:</b> 2014-10-16		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 48		<b>Location Name:</b> Exterior Wall		<b>Floor:</b> Main		<b>Room #:</b> Exterior			<b>Square ft:</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Surface	N/A	A	Y	3100				SF	S0013	None	
Walls	Exterior	Concrete(precast)	Surface	N/A	A	Y	100				%	V0000	None	
Walls	Exterior	Clay Tile (block)	Surface	N/A	A	Y	100				%	V0000	None	

<b>Building #:</b> 2		<b>Building Name:</b> Bunker		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-18								
<b>Reassessment Date:</b> 2013-07-04		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 2		<b>Location Name:</b> Exterior Wall		<b>Floor:</b> Main		<b>Room #:</b> Exterior			<b>Square ft:</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Surface	N/A	A	Y	160				SF	S0003	None	
Walls	Exterior	Concrete(poured)	Surface	N/A	A	Y	100				%	V0000	None	

<b>Building #:</b> 3		<b>Building Name:</b> Digesters		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-19										
<b>Reassessment Date:</b> 2014-10-14		<b>Reassessment Surveyor:</b> Lambert Cruz														
<b>Location #:</b> 62		<b>Location Name:</b> Exterior Back Area		<b>Floor:</b> Main		<b>Room #:</b> Exterior			<b>Square ft:</b>							
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Walls	Exterior	Plaster	Surface	N/A	A	Y	350	(7)	10	(7)	15	(3)	SF	S0013	Confirmed Asbestos	Non-Friable
Walls	Exterior	Clay Tile (block)	Surface	N/A	A	Y	100				%	V0000	None			



**Client:** City of Winnipeg Water and Waste Dept  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 1, 2, 3, 4, 5, 6, 7, 8

**Site:** North End Water Pollution Control Centre

**Custom Report**

**Building #: 4**      **Building Name: Grit Building**      **Surveyor: Jason Combe**      **Survey Date: 2011-04-05**  
**Reassessment Date: 2014-10-16**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 16**      **Location Name: Exterior Wall**      **Floor: Main**      **Room #: Exterior**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Walls	Exterior	Black Mastic	Base	N/A	A	Y	300	(7)	5	(7)	5	(3)	SF	S0005	Confirmed Asbestos	Non-Friable
Walls	Exterior	Plaster	Surface	N/A	A	Y	750						SF	S0006	None	
Walls	Exterior	Caulking	Surface	N/A	A	Y	300	(7)					LF	S0007	Confirmed Asbestos	Non-Friable
Walls	Exterior	Clay Tile (block)	Surface	N/A	A	Y	100						%	V0000	None	
Walls	Exterior	Concrete(poured)	Surface	N/A	A	Y	100						%	V0000	None	

**Building #: 5**      **Building Name: Primary Clarifier**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-18**  
**Reassessment Date: 2014-10-15**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 22**      **Location Name: Clarifier Control Bldg**      **Floor: Main**      **Room #: Exterior**      **Square ft:**  
**(by Primary Clarifier) Exterior Wall**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability		
							Good	Fair	Poor							
Walls	Exterior	Plaster	Surface	N/A	A	Y	9600						SF	S0013	None	
Walls	Exterior	Caulking	Surface	N/A	A	Y	150	(7)					LF	S0014	Confirmed Asbestos	Non-Friable
Walls	Exterior	Concrete(poured)	Surface	N/A	A	Y	100						%	V0000	None	
Walls	Exterior	Preformed Block	Surface	N/A	A	Y	50						SF	V0000	None	



**Client:** City of Winnipeg Water and Waste Dept  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 1, 2, 3, 4, 5, 6, 7, 8

**Site:** North End Water Pollution Control Centre

**Custom Report**

**Building #:** 5      **Building Name:** Primary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-18  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 23      **Location Name:** Primary Clarifier      **Floor:** Main      **Room #:** Exterior      **Square ft:**  
**Exterior Wall**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Preformed Block	Surface	N/A	A	Y	100	(5)			SF	V9500	Presumed Asbestos	Friable
Walls	Exterior	Steel	Surface	N/A	A	Y	100				%	V0000	None	
Walls	Exterior	Transite	Base	N/A	A	Y	59	(7)	1	(7)	SF	V9500	Presumed Asbestos	Non-Friable

Note: Preformed block suspect to contain vermiculite

**Building #:** 6      **Building Name:** Secondary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-20  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 60      **Location Name:** Secondary Fan      **Floor:** Ext      **Room #:**      **Square ft:**  
**Building Exterior**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Surface	N/A	A	Y	100				SF	S0010	None	
Walls	Exterior	Concrete(precast)	Surface	N/A	A	Y	100				%	V0000	None	
Walls	Exterior	Steel	Surface	N/A	A	Y	100				%	V0000	None	

**Building #:** 6      **Building Name:** Secondary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-20  
**Reassessment Date:** 2014-10-15      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 61      **Location Name:** Secondary Clarifier      **Floor:** Main      **Room #:** Exterior      **Square ft:**  
**Building Exterior**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Black Mastic	Base	Textile	A	Y	1400	(7)		300 (3)	%	S0011	Confirmed Asbestos	Non-Friable
Walls	Exterior	Steel	Surface	N/A	A	Y	100				%	V0000	None	



**Client:** City of Winnipeg Water and Waste Dept  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 1, 2, 3, 4, 5, 6, 7, 8

**Site:** North End Water Pollution Control Centre

**Custom Report**

**Building #: 6**      **Building Name: Secondary Clarifiers**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-20**  
**Reassessment Date: 2014-10-15**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 62**      **Location Name: Secondary Clarifier**      **Floor: Main**      **Room #:**      **Square ft:**  
**Office Building**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Surface	N/A	A	Y	100				%	S0012	None	
Walls	Exterior	Clay Tile (block)	Surface	N/A	A	Y	100				%	V0000	None	
Walls	Door	Steel	Surface	N/A	A	Y	100				%	V0000	None	

**Building #: 7**      **Building Name: Garage**      **Surveyor: LSC**      **Survey Date: 2014-10-16**  
**Location #: 1**      **Location Name: Exterior Wall**      **Floor: Main**      **Room #: Exterior**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Surface	N/A	A	Y	2700				SF	S0001	None	
Walls	Exterior	Clay Tile (block)	Surface	N/A	A	Y	100				%	V0000	None	
Walls	Door	Steel	Surface	Paint	A	Y	100				%	V0000	None	

**Building #: 8**      **Building Name: Oxygen Reactor**      **Surveyor:**      **Survey Date: 2014-10-16**  
**Location #: 1**      **Location Name: Oxygen Reactor Bldg**      **Floor: Main**      **Room #: Exterior**      **Square ft:**  
**Exterior Wall**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Surface	N/A	A	Y	400			20	%	S0001	None	
Walls	Exterior	Transite	Base	N/A	A	Y	48	(7)		1	(3)	SF	V9500	Presumed Asbestos Non-Friable
Walls	Exterior	Steel	Surface	N/A	A	Y	100				%	V0000	None	

Note: Transite panels located in bigger building and at the back of building inside the fence





December 08, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
South End Water Pollution Control Centre Interior  
100 Ed Spencer Drive, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the South End Water Pollution Control Centre Interior. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey updates completed by Pinchin Ltd. The original survey report for the South End Water Pollution Control Centre Interior was dated March 6, 2007. The results of the original report and subsequent survey update reports were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the South End Water Pollution Control Centre Interior where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

One additional bulk sample was collected and was found to be non-asbestos containing. Please reference attached Lab ID 1420563.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the South End Water Pollution Control Centre Interior. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the South End Water Pollution Control Centre Interior was completed by Lambert Cruz of Pinchin Ltd. on October 6-7, 2014.

## FINDINGS

### 1.0 INTERIOR

#### Pipe Systems

Asbestos-containing pipe insulation in the Administration Building (Location Nos. 21, 22, 23, 24, 25, 28, 30, 33, 34, and 36), Pump and Screen Building (Location Nos. 37, 38, 41, 45, 46, 47, 51, 54, and 55), Grit Building (Location Nos. 59 and 60), Service Building (Location Nos. 65, 67-71, 73 and 76), Primary Clarifiers (Location Nos. 77, 79, 83, 84, 85, and 86), Oxygen Reactor Gallery 3 (Location No. 87), Secondary Clarifier (Location Nos. 90, 94, 96 and 103) and Unox Building (Location Nos. 98 and 104) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** condition.

One additional parging cement sample has been collected. Laboratory analysis of Sample No. 0008 indicates that the parging cement on heating water supply fitting do not contain asbestos.

Please reference attached Lab ID 1420563.

The following materials have been corrected:

Location	Quantity
Administration Building - Stairwell (Location No. 21)	2 fittings have been repaired

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Administration Building - Mechanical Room (Location No. 30)	1 fitting rated in <b>FAIR</b> condition
Primary Clarifier - Chlorine Room (Location No. 77)	2 fittings rated in <b>FAIR</b> condition

#### Ductwork

Asbestos-containing duct insulation in the Pump and Screen Building (Location Nos. 42, 44 and 51), Service Building (Location Nos. 66, 68, 71-73 and 76), Primary Clarifier Service Area

(Location No. 81), Secondary Clarifier (Location Nos. 89, 90, 93, 101, 105, 106, 107 and 108) and Unox Equipment Room (Location No. 98) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following materials have been removed prior to issuing this report:

Location	Quantity
Pump and Screen – Storage Room (Location No. 37)	Duct insulation (40 SF) had been abated
Pump and Screen – Mechanical Room (Location No. 38)	Duct insulation (600 SF) had been abated
Service Building - Mechanical Room (Location No. 65)	All ducts (31 SF & 82 SF) insulation have been abated
Service Building – Work Shop (Location No. 68)	Exhaust duct (100 SF) had been abated
Secondary Clarifier – Electrical Room (Location No. 97)	Duct insulation (20 SF) had been abated
Secondary Clarifier – Ventilation Room (Location No. 103)	All ducts (1 SF, 5 SF & 120 SF) insulation have been abated

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Secondary Clarifier – Equipment Handling Room (Location No. 93)	1 square foot of duct insulation rated in <b>FAIR</b> condition
Secondary Clarifier – S685 adjacent to tank near Electrical room (Location No. 105)	10 square feet of duct insulation rated in <b>FAIR</b> condition & 10 square feet in <b>POOR</b> condition

### Mechanical Insulation

Asbestos-containing mechanical insulation in the Administration Building – Mechanical Room (Location No. 30), Service Building Boiler Room (Location No. 76) and Primary Clarifier East Walkway (Location No. 79) is maintained in **GOOD** condition.

### Textured Finishes

Asbestos-containing texture coat on the upper concrete structure and asbestos-containing overspray on a duct in the Viewing Gallery-Pump and Screen Building (Location No. 44) and asbestos-containing texture coat on the upper concrete structure in the Motor Room-Pump and Screen Building (Location No. 49) is maintained in **GOOD** condition.

### Asbestos Cement Panels

Asbestos cement panels in a fume hood in the Administration Laboratory (Location No. 5) are maintained in **GOOD** condition.

### Hard Plasters (Ceiling or Wall Finishes)

Plaster in the ceiling of the Washroom-Pump and Screen Building (Location No. 55) is maintained in **GOOD** condition.

### RECOMMENDATIONS

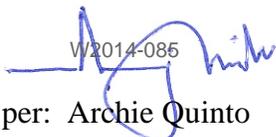
Based on the findings of our investigation, our recommendations are as noted below:

1. Repair, using canvas and lagging, pipe and duct insulation rated in **FAIR** condition below:
  - 1 fitting rated in **FAIR** condition in the Administration Building - Mechanical Room (Location No. 30);
  - 2 fittings rated in **FAIR** condition in the Primary Clarifier - Chlorine Room (Location No. 77)
  - 1 square foot of duct insulation rated in **FAIR** condition in the Secondary Clarifier – Equipment Handling Room (Location No. 93); and
  - 20 square feet of duct insulation rated in **FAIR** condition in the Secondary Clarifier – S685 adjacent to tank near Electrical room (Location No. 105).
2. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### Pinchin Ltd.

Prepared by:

  
W2014-085

per: Archie Quinto  
Project Technologist  
Hazardous Materials Group  
[aquinto@pinchin.com](mailto:aquinto@pinchin.com)

Reviewed by:

  
W2014-461

per: Jason Combe  
Operations Manager  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - South End Water Pollution - 2014 Interior Survey Update - December 8, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #: 1**      **Building Name: Administration Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 1**      **Location Name: Administration - Front Floor: Main-Admin**      **Room #:**      **Square ft: 190**  
**Entrance**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y				SF	V0000	None	
Ceiling	AT-001	N/A	Surface	N/A	C	Y	1000			SF	S0004	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	N/A	Surface	Foil Face	C	N	100	100			NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Newer VSF



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 2      **Location Name:** Administration - Reception      **Floor:** Main-Admin      **Room #:**      **Square ft:** 240

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	240				SF	V0000	None	
Ceiling	AT-001	Lay-in ceiling tiles	Surface	N/A	C	Y	240				SF	V0004	None	
Ceiling		Drywall											None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	Foil Face	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Note: Newer VSF, Carpet over VSF.



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25							
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Room #: Square ft: 170							
Location #: 3		Location Name: Administration - Clerk Floor: Main-Admin											
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	170			SF	V0000	None	
Ceiling	AT-002	Lay-in ceiling tiles	Surface	N/A	C	Y	170	3		SF	V0001	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 4      **Location Name:** Administration - Hallway      **Floor:** Main-Admin      **Room #:**      **Square ft:** 300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	300				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Room #:		Square ft: 640						
Location #: 5		Location Name: Administration - Laboratory		Floor: Main-Admin										
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	640				SF	V0000	None	
Ceiling	AT-002	Lay-in ceiling tiles	Surface	N/A	C	Y	640				SF	S0001	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found												None	
Other	Fumehood	Transite	Surface	N/A	B	Y	64	(7)			SF	V9000	Confirmed Asbestos	Non-Friable



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25									
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Location #: 6		Location Name: Administration - Lunchroom		Floor: Main-Admin		Room #:		Square ft: 540	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	540				SF	V0000	None		
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	540				SF	V0005	None		
Walls		Drywall												None	
Walls		Masonry										NINI		None	
Structure	Steel Truss	Metal										NINI		None	
Piping	Not Found											NINI		None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI		None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N						NINI		None	
Mechanical Equipment	Not Found											NINI		None	
Other	Not Found											NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #:</b> 1		<b>Building Name:</b> Administration Building		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2006-04-25						
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 7		<b>Location Name:</b> Administration - Office Floor: Main-Admin			<b>Room #:</b>		<b>Square ft:</b> 108						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	108			SF	V0000	None	
Ceiling	AT-002	Lay-in ceiling tiles	Surface	N/A	C	Y	108			SF	V0001	None	
Walls		Masonry									NINI	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #:</b> 1		<b>Building Name:</b> Administration Building		<b>Surveyor:</b> Jason Combe			<b>Survey Date:</b> 2006-04-25						
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 8		<b>Location Name:</b> Administration - Office			<b>Floor:</b> Main-Admin		<b>Room #:</b>		<b>Square ft:</b> 108				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	108			SF	V0000	None	
Ceiling	AT-002	Lay-in ceiling tiles	Surface	N/A	C	Y	108			SF	V0001	None	
Walls		Masonry									NINI	None	
Walls		Drywall										None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** Administration Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 9     **Location Name:** Administration - Washroom     **Floor:** Main-Admin     **Room #:**     **Square ft:** 108

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	108				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	108				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** Administration Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 10     **Location Name:** Administration - Washroom     **Floor:** Main-Admin     **Room #:**     **Square ft:** 60

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	60			SF	V0000	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: Administration Building</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-25</b>							
<b>Reassessment Date: 2014-10-06</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 11</b>		<b>Location Name: Administration - Hallway</b>		<b>Floor: Main-Admin</b>		<b>Room #:</b>		<b>Square ft: 90</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	90			SF	V0000	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** Administration Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 12     **Location Name:** Administration - Stairwell     **Floor:** Main-Admin     **Room #:**     **Square ft:** 100

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	100				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #: 1**      **Building Name: Administration Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 13**      **Location Name: Administration - Hallway**      **Floor: Main-Admin**      **Room #:**      **Square ft: 145**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	145				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	145				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

**Building #: 1**      **Building Name: Administration Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 14**      **Location Name: Administration - Office**      **Floor: Main-Admin**      **Room #:**      **Square ft: 192**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	192				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	192				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #:</b> 1		<b>Building Name:</b> Administration Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25								
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 15		<b>Location Name:</b> Administration - Office		<b>Floor:</b> Main-Admin		<b>Room #:</b>		<b>Square ft:</b> 160						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	160				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	160				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #:</b> 1		<b>Building Name:</b> Administration Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25								
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 16		<b>Location Name:</b> Administration - Control Room		<b>Floor:</b> Main-Admin		<b>Room #:</b>		<b>Square ft:</b> 336						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	336				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	336				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 17      **Location Name:** Administration - Computer Room      **Floor:** Main-Admin      **Room #:**      **Square ft:** 212

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	212				SF	V0000	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	212				SF	V0003	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #: 1**      **Building Name: Administration Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 18**      **Location Name: Administration - Conference Room**      **Floor: Main-Admin**      **Room #:**      **Square ft: 414**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	414				SF	V0000	None	
Ceiling	AT-005	Lay-in ceiling tiles	Surface	N/A	C	Y	414				SF	S0002	None	
Walls		Drywall											None	
Walls		Wall covering											[None]	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 19      **Location Name:** Administration - Hallway      **Floor:** Main-Admin      **Room #:**      **Square ft:** 156

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	156				SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	24				SF	V0005	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	132				SF	V0003	None	
Walls		Masonry										NINI	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1     **Building Name:** Administration Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 20     **Location Name:** Administration - Hallway     **Floor:** Main-Admin     **Room #:**     **Square ft:** 100

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100				SF	V0000	None	
Ceiling		Metal										NINI	None	
Walls		Masonry										NINI	None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 21      **Location Name:** Administration - Stairwell      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	200			SF	V0000	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	9			EA	S0006	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 22      **Location Name:** Administration - Hallway      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 390

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	C	Y	390				SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	390				SF	V0005	None	
Walls		Concrete(poured)										NINI	None	
Walls		Masonry										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	N						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	1	(7)			EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	N						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	2	1			EA	V0006	None	
Duct	Supply Air	Not Insulated										NINI	None	
Duct	Return Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25							
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Room #:      Square ft: 720							
Location #: 23		Location Name: Administration - Men		Floor: Basement-Admin									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	688				SF	S0003	None
Ceiling	AT-006	Lay-in ceiling tiles	Surface	N/A	C	Y	32				SF	S0009	None
Walls		Ceramic Tiles									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	12	(7)			EA	V0014	Confirmed Asbestos Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	12				EA	V0006	None
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N	6				NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 24      **Location Name:** Administration - Women      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI	None		
Ceiling	AT-003	Lay-in ceiling tiles	Surface	N/A	C	Y	368				SF	V0003	None	
Ceiling	AT-006	Lay-in ceiling tiles	Surface	N/A	C	Y	32				SF	V0009	None	
Walls		Ceramic Tiles									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	6	(7)			EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	6				EA	V0006	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None		
Duct	Return Air	Fibreglass	Surface	N/A	C	N					NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 25      **Location Name:** Administration - Stairwell      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300			SF	V0000	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	1			EA	V0006	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 26      **Location Name:** Administration - Lab      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 72  
**Storage**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	N/A	A	Y	72			SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	68		4	SF	S0005	None	
Walls		Masonry									NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	1			EA	V0006	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: Administration Building</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-04-25</b>						
<b>Reassessment Date: 2014-10-06</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Room #:</b>			<b>Square ft: 300</b>					
<b>Location #: 27</b>		<b>Location Name: Administration - Gym</b>			<b>Floor: Basement-Admin</b>								
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	300			SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	300			SF	V0005	None	
Walls		Masonry									NINI	None	
Walls		Drywall										None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0006	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25									
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Location #: 28		Location Name: Administration - Storage		Floor: Basement-Admin		Room #:		Square ft: 96	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	96				SF	V0000	None		
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	96				SF	V0005	None		
Walls		Masonry									NINI	None			
Structure	Beam, Deck	Concrete(poured)									NINI	None			
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	3	(7)		EA	V0014	Confirmed Asbestos	Friable		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	3		EA	V0006	None				
Duct	Supply Air	Fibreglass	Surface	N/A							NINI	None			
Mechanical Equipment	Not Found										NINI	None			
Other	Not Found										NINI	None			



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 29      **Location Name:** Administration -      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 144  
**Electrical Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Electrical Panel	Not Insulated									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 30      **Location Name:** Administration - Mechanical Room      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 288

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	18			EA	S0007	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0006	None		
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0006	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	22	(7)	1	(7)	EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	22			EA	V0006	None		
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y					NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y					NINI	None		
Mechanical Equipment	Air Handling Unit	Fibreglass w/Parging	Surface	Canvas	B	Y	320	(7)			SF	V0008	Confirmed Asbestos	Friable
Mechanical Equipment	Air Handling Unit	Fibreglass w/Parging	Surface	Canvas	B	Y	320	(7)			SF	V0008	[None]	Friable

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

...Location continued from previous page

**Building #: 1**     **Building Name: Administration Building**     **Surveyor: Jason Combe**     **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**     **Reassessment Surveyor: Lambert Cruz**  
**Location #: 30**     **Location Name: Administration - Mechanical Room**     **Floor: Basement-Admin**     **Room #:**     **Square ft: 288**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Other	Not Found									NINI	None		

**Building #: 1**     **Building Name: Administration Building**     **Surveyor: Jason Combe**     **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**     **Reassessment Surveyor: Lambert Cruz**  
**Location #: 31**     **Location Name: Administration - Hallway**     **Floor: Basement-Admin**     **Room #:**     **Square ft: 450**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	450			SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	450			SF	V0005	None	
Walls		Concrete(poured)									NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Duct	Return Air	Fibreglass	Surface	N/A	C	N					NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 32      **Location Name:** Administration - Stairwell      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 164

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	164				SF	V0000	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Walls		Masonry										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25									
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Location #: 33		Location Name: Administration - Mechanical Room		Floor: Basement-Admin		Room #:		Square ft: 576	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Masonry										NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Deck	Concrete(poured)										NINI	None		
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	39				EA	V0006	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	17				EA	V0006	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	39				EA	V0006	None		
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y							None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	27	(7)			EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y						NINI	None		
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y						NINI	None		
Duct	Return Air	Fibreglass	Surface	Canvas	C	Y						NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None		
Mechanical Equipment	Exchanger	Fibreglass	Surface	Canvas	C	Y						NINI	None		
Other	Not Found											NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

**Building #:** 1      **Building Name:** Administration Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 34      **Location Name:** Administration - Computer Storage      **Floor:** Basement-Admin      **Room #:**      **Square ft:** 204

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	204			SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	204			SF	V0005	None	
Walls		Concrete(poured)									NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	2	(7)		EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	2			EA	V0006	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

<b>Building #: 1</b>		<b>Building Name: Administration Building</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-04-25</b>							
<b>Reassessment Date: 2014-10-06</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 35</b>		<b>Location Name: Administration - Office Floor: Basement-Admin</b>					<b>Room #:</b>		<b>Square ft: 32</b>				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	32			SF	V0000	None	
Ceiling		Drywall										None	
Walls		Masonry									NINI	None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1  
**All Data Report**

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz		Location Name: Administration - Storage		Floor: Basement-Admin		Room #:		Square ft: 240				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	240				SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	240				SF	V0005	None	
Walls		Concrete(poured)										NINI	None	
Walls		Masonry										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	N	2	(7)			EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	N	2				EA	V0006	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Building #: 1		Building Name: Administration Building		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz		Location Name: Exterior Wall		Floor: Main		Room #: Exter		Square ft:				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	
Walls	All	Plaster	Exterior	N/A	A	Y	750	(7)			SF	S0027	Confirmed Asbestos	Non-Friable

Note: Exterior Wall of Administration Bldg, SEWPCC, Base of Wall





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 2  
**All Data Report**

**Building #:** 2      **Building Name:** Grit Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 59      **Location Name:** Grit Building - Gallery Floor: Basement-Grit Building      **Room #:**      **Square ft:** 1100  
**No. 1**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3				EA	V0006	None	
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	2				EA	V0006	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	4		1		EA	V0006	None	
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3				EA	V0006	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)			EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0007	None	
Piping	Chilled Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0007	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Not Found										NINI	None		

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 2  
**All Data Report**

...Location continued from previous page

**Building #:** 2      **Building Name:** Grit Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 59      **Location Name:** Grit Building - Gallery Floor: Basement-Grit Building      **Room #:**      **Square ft:** 1100  
 No. 1

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 2  
**All Data Report**

**Building #:** 2      **Building Name:** Grit Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 60      **Location Name:** Grit Building - Gallery Floor: Basement-Grit Building      **Room #:**      **Square ft:** 500  
**No. 3**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	1			EA	V0006	None		
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	1			EA	V0006	None		
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0007	None		
Piping	Chilled Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0007	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0006	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 2  
**All Data Report**

**Building #:** 2      **Building Name:** Grit Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 61      **Location Name:** Grit Building - Gallery Floor: Basement-Grit Building      **Room #:**      **Square ft:** 1100  
**No. 2**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Hot Flushing Water	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Hot Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y	4		2	EA	V0006	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 2  
**All Data Report**

**Building #:** 2      **Building Name:** Grit Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 62      **Location Name:** Grit Building - Hallway      **Floor:** Main-Grit Building      **Room #:**      **Square ft:** 432

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 2  
**All Data Report**

**Building #:** 2      **Building Name:** Grit Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 63      **Location Name:** Grit Building - Grit      **Floor:** Main-Grit Building      **Room #:**      **Square ft:** 2880  
**Tank Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

Building #: 3		Building Name: Oxygen Reactor		Surveyor: Jason Combe		Survey Date: 2006-04-25									
Reassessment Date: 2014-10-07		Reassessment Surveyor: Lambert Cruz				Location #: 87		Location Name: Oxygen Reactor - Gallery No. 3		Floor: Basement-Oxygen Reactor		Room #:		Square ft: 1800	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Deck	Concrete(poured)										NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7				EA	V0006	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	7	(7)			EA	V0014	Confirmed Asbestos	Friable	
Piping	High Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)			EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Piping	High Pressure Steam	Fibreglass	Straight	Canvas	C	Y						NINI	None		
Duct	Not Found											NINI	None		
Mechanical Equipment	Not Found											NINI	None		
Other	Not Found											NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 3  
**All Data Report**

**Building #:** 3     **Building Name:** Oxygen Reactor     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 111     **Location Name:** Exterior Wall of Oxygen Reactor Bldg     **Floor:** Main     **Room #:** Exyte     **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	200	(7)			SF	S0027	Confirmed Asbestos	Non-Friable

Note: Exterior Wall of Oxygen Reactor Bldg October 2014 Proj 95079





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

Building #: 4		Building Name: Primary Clarifiers		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz		Location Name: Primary Clarifiers - Chlorine Room		Floor: Ground-Primary		Room #:                      Square ft: 800						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI		None	
Ceiling	Not Found										NINI		None	
Walls		Masonry									NINI		None	
Structure	Deck	Concrete(poured)									NINI		None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)	1	(7)	EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y			1	(7)	EA	V0014	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI		None	
Mechanical Equipment	Not Found										NINI		None	
Other	Not Found										NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 78      **Location Name:** Primary Clarifiers - Hallway      **Floor:** Ground-Primary Clarifiers      **Room #:**      **Square ft:** 400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 79      **Location Name:** Primary Clarifier - East Walkway      **Floor:** Ground-Primary Clarifiers      **Room #:**      **Square ft:** 900

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	28			EA	V0006	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	19			EA	V0006	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10			EA	V0006	None		
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y					NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y					NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	33	(7)		SF	V0010	Confirmed Asbestos	Friable	
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	4	(7)		SF	V0010	Confirmed Asbestos	Friable	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 80      **Location Name:** Primary Clarifier - Centre Walkway      **Floor:** Ground-Primary Clarifiers      **Room #:**      **Square ft:** 2000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

<b>Building #:</b> 4		<b>Building Name:</b> Primary Clarifiers		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25							
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 81		<b>Location Name:</b> Primary Clarifier - Service Area		<b>Floor:</b> Ground-Primary Clarifiers		<b>Room #:</b>		<b>Square ft:</b> 3200					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Exhaust	Fibreglass w/Parging	Surface	Canvas	C	Y	33	(7)		SF	V0010	Confirmed Asbestos Friable	
Duct	Exhaust	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 82      **Location Name:** Primary Clarifier - Fan Room      **Floor:** Second-Primary Clarifiers Room #:  
**Square ft:** 300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Exhaust	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 83      **Location Name:** Primary Clarifier - Gallery No. 5      **Floor:** Basement-Primary      **Room #:**      **Square ft:** 1200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	High Pressure Steam	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	High Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)	EA	V0014	Confirmed Asbestos	Friable	
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 84      **Location Name:** Primary Clarifier - Gallery No. 3      **Floor:** Basement-Primary      **Room #:**      **Square ft:** 2000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	5			EA	V0006	None		
Piping	Low Pressure Steam	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Low Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	23	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	High Pressure Steam	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	High Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	20	(7)		EA	V0014	Confirmed Asbestos	Friable	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 85      **Location Name:** Primary Clarifiers - Gallery No. 4      **Floor:** Basement-Primary      **Room #:**      **Square ft:** 600

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8			EA	V0006	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 4  
**All Data Report**

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 86      **Location Name:** Primary Clarifiers - Stairwell      **Floor:** Basement-Primary Clarifiers      **Room #:**      **Square ft:** 160

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Metal									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0006	None		
Duct	Supply Air	Fibreglass									NINI	None		
Mechanical Equipment	Not Found										NINI	None		

**Building #:** 4      **Building Name:** Primary Clarifiers      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 110      **Location Name:** Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg      **Floor:** Main      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	600	(7)		SF	S0027	Confirmed Asbestos	Non-Friable	

Note: Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg Taken October 2014





**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 9  
**All Data Report**

**Building #:** 9     **Building Name:** PSA Building     **Surveyor:** LSC     **Survey Date:** 2014-10-07  
**Reassessment Date:** 2014-10-07     **Reassessment Surveyor:**  
**Location #:** 112     **Location Name:** Exterior Wall of PSA Bldg     **Floor:** Main     **Room #:** Exterior Wa     **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	200				SF	S0001	None	

Note: Exterior Wall of PSA Bldg October 2014 Proj 95079





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 37      **Location Name:** Pump and Screen - Storage      **Floor:** Second-Pump and Screen      **Room #:**      **Square ft:** 1300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				V0024	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7		EA	V0006	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				V0024	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)	EA	V0014	Confirmed Asbestos	Friable	
Duct	Fresh Air Intake	Abated Material	Surface	Canvas	C	Y			SF	S0010	[None]		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

Note: All ACM insulations are scheduled for abatement as per client in SEWPCC. All asbestos duct insulations had been abated already and new duct insulation installed as per client October 06, 2014.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 38      **Location Name:** Pump and Screen - Mechanical Room      **Floor:** Second-Pump and Screen      **Room #:**      **Square ft:** 4400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	20				EA	V0006	None	
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Cold Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	49	(7)			EA	V0014	Confirmed Asbestos Friable	
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Chilled Water System	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Fibreglass w/Parging	Straight	Canvas	C	Y	100	(7)			%	S0024	Confirmed Asbestos Friable	
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	28				EA	S0018	None	
Piping	Chilled Water System	Parging over Fibreglass	Fitting	Canvas	C	Y	30				EA	V0006	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Cold Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	31				EA	V0006	None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	51				EA	V0006	None	
Duct	Supply Air	Fibreglass										NINI	None	
Duct	Return Air	Fibreglass										NINI	None	

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

...Location continued from previous page

**Building #: 5**     **Building Name: Pump and Screen Building**     **Surveyor: Jason Combe**     **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**     **Reassessment Surveyor: Lambert Cruz**  
**Location #: 38**     **Location Name: Pump and Screen - Mechanical Room**     **Floor: Second-Pump and Screen**     **Room #:**     **Square ft: 4400**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Duct	Fresh Air Intake	Abated Material	Surface	Canvas	C	Y					SF	V0010	[None]	
Mechanical Equipment	Exchanger	Fibreglass	Surface	Canvas	C	Y						NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None	
Other	Not Found											NINI	None	

Note: All ACM insulations are scheduled for abatement as per client in SEWPCC. All asbestos duct insulations had been abated already and new duct insulation installed as per client October 06, 2014.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 39      **Location Name:** Pump and Screen - Elevator Machine Room      **Floor:** Second-Pump and Screen      **Room #:**      **Square ft:** 144

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 40      **Location Name:** Pump and Screen - Upper Landing Screen Room      **Floor:** Second-Pump and Screen      **Room #:**      **Square ft:** 225

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 41      **Location Name:** Pump and Screen -      **Floor:** Main-Pump and Screen      **Room #:**      **Square ft:** 1200  
**Truck Loading**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8		1	EA	V0006	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 42      **Location Name:** Pump and Screen - Screen Room      **Floor:** Main-Pump and Screen      **Room #:**      **Square ft:** 4800

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Exhaust	Fibreglass w/Parging	Surface	Canvas	B	Y	40	(7)		SF	V0010	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI	None	
Duct	Air Handling Unit	Fibreglass w/Parging	Surface	Canvas	C	Y	75	(7)		SF	S0023	Confirmed Asbestos	Friable
Duct	Exhaust	Fibreglass	Surface	Canvas	C	Y	200		4	3	V0000	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Sample S0023 (S0003A Lab Ref b102715)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 43      **Location Name:** Pump and Screen - Hallway      **Floor:** Main-Pump and Screen      **Room #:**      **Square ft:** 550

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Cold Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2		EA	V0006	None		
Piping	Cold Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Chilled Water System	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Chilled Water System	Parging over Fibreglass	Fitting	Canvas	C	Y	2		EA	V0006	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5     **Building Name:** Pump and Screen Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 44     **Location Name:** Pump and Screen - Viewing Gallery     **Floor:** Main-Pump and Screen     **Room #:**     **Square ft:** 2025

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Texture Coat	Surface		C	Y	2025	(7)		SF	S0011	Confirmed Asbestos	Friable
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Duct	Supply Air	Overspray	Surface		C	Y	5	(7)		SF	V0011	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		

Note: overspray is texture coat



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 45      **Location Name:** Pump and Screen - Stairwell      **Floor:** Main-Pump and Screen      **Room #:**      **Square ft:** 225

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Metal									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Not Found										NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6			EA	V0006	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

**Building #:** 5     **Building Name:** Pump and Screen Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 46     **Location Name:** Pump and Screen - Hallway     **Floor:** Main-Pump and Screen     **Room #:**     **Square ft:** 225

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6			EA	V0006	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 47      **Location Name:** Pump and Screen - Stairwell      **Floor:** Main-Pump and Screen      **Room #:**      **Square ft:** 400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0006	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 48      **Location Name:** Pump and Screen - Wet Well      **Floor:** Main-Pump and Screen      **Room #:**      **Square ft:**

**No access to room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					

Note: No Access - H2S



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 49      **Location Name:** Pump and Screen - Motor Room      **Floor:** Basement-Pump and Screen      **Room #:**      **Square ft:** 2250

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Structure	Beam, Deck	Texture Coat	Surface	N/A	C	Y	2250	(7)		SF	V0011	Confirmed Asbestos	Friable
Piping	Not Found									NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 50      **Location Name:** Pump and Screen - Electrical Room      **Floor:** Basement-Pump and Screen      **Room #:**      **Square ft:** 2000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Walls	N/A	Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Hot Flushing Water	Parging over Fibreglass	Fitting	Canvas	C	Y		1	EA	V0006	None		
Piping	Hot Flushing Water	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 51      **Location Name:** Pump and Screen - Blower Room      **Floor:** Basement-Pump and Screen      **Room #:**      **Square ft:** 2000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Chilled Water System	Parging over Fibreglass	Fitting	Canvas	D	Y	6			EA	V0006	None		
Piping	Chilled Water System	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Piping	Cold Water Return	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Piping	Cold Water Return	Parging over Fibreglass	Fitting	Canvas	D	Y	6			EA	V0006	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	D	Y	2				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	D	Y	2	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	D	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	D	Y	6			EA	V0006	None		
Duct	Supply Air	Parging over Fibreglass	Surface	Canvas	C	Y	1200	(7)		SF	S0012	Confirmed Asbestos	Friable	
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #: 5**     **Building Name: Pump and Screen Building**     **Surveyor: Jason Combe**     **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**     **Reassessment Surveyor: Lambert Cruz**  
**Location #: 52**     **Location Name: Pump and Screen - Control Room**     **Floor: Basement-Pump and Screen**     **Room #:**     **Square ft: 192**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	192				SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	192				SF	V0005	None	
Walls		Drywall											None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Electrical Panel	Not Insulated										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5     **Building Name:** Pump and Screen Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 53     **Location Name:** Pump and Screen - Gallery     **Floor:** Basement-Pump and Screen     **Room #:**     **Square ft:** 320

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 54      **Location Name:** Pump and Screen - Gallery/Hallway      **Floor:** Basement-Pump and Screen      **Room #:**      **Square ft:** 640

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Cold Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	14				EA	V0006	None	
Piping	Cold Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0006	None	
Piping	Chilled Water System	Parging over Fibreglass	Fitting	Canvas	C	Y	14				EA	V0006	None	
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0006	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	19				EA	V0006	None	
Piping	Chilled Water System	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	2				EA	V0006	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	22	(7)			EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

...Location continued from previous page

<b>Building #:</b> 5		<b>Building Name:</b> Pump and Screen Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25								
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 54		<b>Location Name:</b> Pump and Screen - Gallery/Hallway		<b>Floor:</b> Basement-Pump and Screen		<b>Room #:</b>		<b>Square ft:</b> 640						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Duct	Not Found										NINI		None	
Mechanical Equipment	Not Found										NINI		None	
Other	Not Found										NINI		None	

<b>Building #:</b> 5		<b>Building Name:</b> Pump and Screen Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25								
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 55		<b>Location Name:</b> Pump and Screen - Washroom		<b>Floor:</b> Basement-Pump and Screen		<b>Room #:</b>		<b>Square ft:</b> 64						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI		None	
Ceiling		Plaster	Surface	N/A	C	Y	100	(7)			%	V9500	Presumed Asbestos	Non-Friable
Walls		Ceramic Tiles									NINI		None	
Structure	Not Found										NINI		None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	B	Y					NINI		None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	B	Y	5	(7)			EA	V0014	Confirmed Asbestos	Friable
Duct	Not Found										NINI		None	
Mechanical Equipment	Not Found										NINI		None	
Other	Not Found										NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

<b>Building #:</b> 5		<b>Building Name:</b> Pump and Screen Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25							
<b>Reassessment Date:</b> 2014-10-06		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 56		<b>Location Name:</b> Pump and Screen - Storage		<b>Floor:</b> Basement-Pump and Screen		<b>Room #:</b>		<b>Square ft:</b> 64					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 57      **Location Name:** Pump and Screen -      **Floor:** Sub Basement-Pump Well Room #:      **Square ft:**  
**Pump Well / Pump Level**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 5  
**All Data Report**

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 58      **Location Name:** Pump and Screen - Pump Well      **Floor:** Sub Basement-Pump Well Room #:      **Square ft:** 3200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

**Building #:** 5      **Building Name:** Pump and Screen Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 110      **Location Name:** Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg      **Floor:** Main      **Room #:** Exter      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	100	(7)			SF	S0027	Confirmed Asbestos	Non-Friable

Note: Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg October 2014 Proj 95079





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 88      **Location Name:** Secondary Clarifier - Compressor Room      **Floor:** Basement-Secondary      **Room #:**      **Square ft:** 576

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y				NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 89      **Location Name:** Secondary Clarifier - Blower Room      **Floor:** Basement-Secondary      **Room #:**      **Square ft:** 576

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y					NINI	None		
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	40	(7)		SF	V0010	Confirmed Asbestos	Friable	
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 90      **Location Name:** Secondary Clarifier - Basement Area/Pump Room      **Floor:** Basement-Secondary      **Room #:**      **Square ft:** 7000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	High Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	High Pressure Steam	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	8			EA	V0006	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	18			EA	V0006	None		
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	10		1	EA	V0007	None		
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0007	None		
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	100	(7)		%	V0010	Confirmed Asbestos	Friable	

Location continued on next page...



...Location continued from previous page

**Building #:** 6     **Building Name:** Secondary Clarifier     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 90     **Location Name:** Secondary Clarifier - Basement Area/Pump Room     **Floor:** Basement-Secondary     **Room #:**     **Square ft:** 7000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Mechanical Equipment	Air Handling Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		

Note: Duct continuation from Boiler Room

**Building #:** 6     **Building Name:** Secondary Clarifier     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 91     **Location Name:** Secondary Clarifier - Control Room     **Floor:** Basement-Secondary     **Room #:**     **Square ft:** 324

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	342			SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	342			SF	V0005	None	
Walls		Drywall										None	
Structure	Deck	Concrete(poured)								NINI		None	
Piping	Not Found									NINI		None	
Duct	Return Air	Fibreglass	Surface	Canvas	C	Y				NINI		None	
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y				NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Electrical Panel	Not Insulated								NINI		None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 92      **Location Name:** Secondary Clarifier - Hallway/Office      **Floor:** Main-Secondary Clarifiers      **Room #:**      **Square ft:** 360

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	360				SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	360				SF	V0005	None	
Walls		Masonry										NINI	None	
Structure	Beam, Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6     **Building Name:** Secondary Clarifier     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 93     **Location Name:** Secondary Clarifier - Equipment Handling Room     **Floor:** Main-Secondary Clarifiers     **Room #:**     **Square ft:** 625

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Air Handling Unit	Fibreglass w/Parging	Surface	Canvas	C	Y	99	(7)	1	(7)	SF	S0021	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI	None		
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	100	(7)			SF	V9500	Presumed Asbestos	Friable
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None		
Other	Not Found										NINI	None		

Note: Sample S0001, Lab Ref b102715 Sample S0021 (S0001A Lab Ref b102715)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-25							
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz		Location Name: Secondary Clarifier - Scrubber Room		Floor: Main-Secondary Clarifiers		Room #:                      Square ft: 1200					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	13	(7)		EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	VSF and Mastic Adhesive	Straight	Canvas	C	Y	100	(7)			NINI	Presumed Asbestos	Non-Friable
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	11			EA	V0006	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-25									
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz				Location #: 95		Location Name: Secondary Clarifier - Washroom		Floor: Main-Secondary Clarifiers		Room #:		Square ft: 60	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Ceramic Tiles									NINI	None			
Ceiling	Not Found										NINI	None			
Walls		Ceramic Tiles									NINI	None			
Structure	Deck	Concrete(poured)									NINI	None			
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	C	Y					NINI	None			
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0006	None			
Duct	Not Found										NINI	None			
Mechanical Equipment	Not Found										NINI	None			
Other	Not Found										NINI	None			



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz		Location Name: Secondary Clarifier - Truck Bay		Floor: Main-Secondary Clarifiers		Room #:		Square ft: 1200				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Masonry										NINI	None	
Structure	Steel Truss	Metal										NINI	None	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8			EA	V0006	None		
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 97      **Location Name:** Secondary Clarifier - Electrical Room      **Floor:** Main-Secondary Clarifiers      **Room #:**      **Square ft:** 600

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Abated Material	Surface	Canvas	C	Y				SF	V0010	[None]	
Mechanical Equipment	Not Found										NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	

Note: Duct insulation is scheduled for abatement as per client in SEWPCC. Abated already and installed with new insulation as per client October 6, 2014.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

Building #: 6		Building Name: Secondary Clarifier		Surveyor: Jason Combe		Survey Date: 2006-04-25							
Reassessment Date: 2014-10-06		Reassessment Surveyor: Lambert Cruz		Location Name: Secondary Clarifier - North Walkway		Floor: Main-Secondary Clarifiers		Room #: Square ft: 350					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	40	(7)		SF	V0010	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 102      **Location Name:** Secondary Clarifier - Fan Room      **Floor:** Main-Secondary Clarifiers      **Room #:**      **Square ft:** 1200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #:** 6      **Building Name:** Secondary Clarifier      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-06      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 103      **Location Name:** Secondary Clarifier - Ventilation Room      **Floor:** Second-Secondary Clarifiers      **Room #:**      **Square ft:** 1200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Concrete(poured)									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	25	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Chilled Water Return	Parging over Fibreglass	Fire blanket	Canvas	C	Y	5			EA	V0007	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	40			EA	S0020	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3			EA	V0007	None		
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Return Air	Abated Material	Surface	Canvas	B	Y				SF	V0010	[None]		
Duct	Supply Air	Abated Material	Surface	Canvas	B	Y				EA	V0010	[None]		
Duct	Supply Air	Abated Material	Surface	Canvas	B	Y				SF	V0010	[None]		
Mechanical Equipment	Air Handling Unit	Not Insulated	Not Applicable	N/A	B	Y	6			EA	V0000	None		
Other	Not Found										NINI	None		

Note: All insulations are scheduled for abatement as per client in SEWPCC. All asbestos duct insulations had been abated already and new duct insulations installed as per client October 06, 2014.





**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 6  
**All Data Report**

**Building #: 6**     **Building Name: Secondary Clarifier**     **Surveyor: Jason Combe**     **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**     **Reassessment Surveyor: Lambert Cruz**  
**Location #: 108**     **Location Name: Secondary Clarifier**     **Floor: Main**     **Room #:**     **Square ft:**  
 adjacent to tank near SW side  
 Hallway/Of

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Duct	Air Handling Unit	Fibreglass w/Parging	Surface	Canvas	C	Y	100	(7)			%	V9500	Presumed Asbestos	Friable

Note: For Survey

**Building #: 6**     **Building Name: Secondary Clarifier**     **Surveyor: Jason Combe**     **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**     **Reassessment Surveyor: Lambert Cruz**  
**Location #: 113**     **Location Name: Exterior Wall of**     **Floor: Main**     **Room #: Exterior W**     **Square ft:**  
 Secondary Clarifier Bldg

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	1000	(7)			SF	S0027	Confirmed Asbestos	Non-Friable

Note: Exterior Wall of Secondary Clarifier Bldg October 2014 Proj 95079





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 64      **Location Name:** Service Building - Stairwell      **Floor:** Mezzanine-Service Building      **Room #:**      **Square ft:** 150

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y				NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

Building #: 7		Building Name: Service Building		Surveyor: Jason Combe		Survey Date: 2006-04-25							
Reassessment Date: 2014-10-07		Reassessment Surveyor: Lambert Cruz		Location Name: Service Building - Mechanical Room		Floor: Mezzanine-Service Building		Room #:                      Square ft: 1200					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Chilled Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6				EA	V0007	None
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y						NINI	None
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	12				EA	V0006	None
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	8		1		EA	V0007	None
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	13				EA	V0006	None
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	55	(7)			EA	V0014	Confirmed Asbestos Friable
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	44	(7)			EA	V0014	Confirmed Asbestos Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y						NINI	None
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y						NINI	None
Duct	Supply Air	Abated Material	Surface	Canvas	B	Y					SF	V0010	[None]
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	B	Y					SF	V0010	Presumed Asbestos Friable
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

...Location continued from previous page

<b>Building #:</b> 7		<b>Building Name:</b> Service Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25								
<b>Reassessment Date:</b> 2014-10-07		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 65		<b>Location Name:</b> Service Building - Mechanical Room		<b>Floor:</b> Mezzanine-Service Building		<b>Room #:</b>		<b>Square ft:</b> 1200						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Other	Not Found										NINI		None	

Note: All ACM insulations are scheduled for abatement as per client in SEWPCC.

<b>Building #:</b> 7		<b>Building Name:</b> Service Building		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-04-25								
<b>Reassessment Date:</b> 2014-10-07		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 66		<b>Location Name:</b> Service Building - Mezzanine Storage		<b>Floor:</b> Mezzanine-Service Building		<b>Room #:</b>		<b>Square ft:</b> 750						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI		None
Ceiling	Not Found											NINI		None
Walls		Masonry										NINI		None
Structure	Beam, Deck	Concrete(poured)										NINI		None
Piping	Not Found											NINI		None
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	61	(7)		SF	V0010	Confirmed Asbestos		Friable
Mechanical Equipment	Not Found											NINI		None
Other	Not Found											NINI		None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 67      **Location Name:** Service Building - Stairwell      **Floor:** Mezzanine-Service Building      **Room #:**      **Square ft:** 150

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	4	(7)		EA	V0014	Confirmed Asbestos	Friable	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 68      **Location Name:** Service Building - Work Shop      **Floor:** Main-Service Building      **Room #:**      **Square ft:** 2400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Cold Water Return	Fibreglass	Fitting	Canvas	C	Y	2			EA	V0006	None		
Piping	Cold Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Glycol Return	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0006	None		
Piping	Chilled Water System	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0006	None		
Piping	Glycol Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0006	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	17	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Chilled Water System	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	19	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	C	Y	60			SF	V0000	None		
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	60	(7)		SF	V0010	Confirmed Asbestos	Friable	

Location continued on next page...



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

...Location continued from previous page

**Building #:** 7     **Building Name:** Service Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 68     **Location Name:** Service Building - Work Shop     **Floor:** Main-Service Building     **Room #:**     **Square ft:** 2400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Duct	Air Handling Unit	Fibreglass w/Parging	Surface	Canvas	C	Y					SF	S0019	Presumed Asbestos	Friable
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found										%	NINI	None	

Note: Dark Grey Supply Air Duct adjacent to Mezzanine doors is non-asbestos containing. Exhaust asbestos duct insulation had been abated already as per client October 07, 2014.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 69      **Location Name:** Service Building - Generator Room      **Floor:** Main-Service Building      **Room #:**      **Square ft:** 450

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Duct	Supply Air	Fibreglass	Surface	Canvas	B	Y						None		
Duct	Generator Exhaust	Magnesia block	Surface	Canvas	C	Y	12			LF	S0013	None		
Mechanical Equipment	Generator Unit	Not Insulated									NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 70      **Location Name:** Service Building - Storage Room      **Floor:** Main-Service Building      **Room #:**      **Square ft:** 300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Straight	Canvas	C	Y	2	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0014	Confirmed Asbestos	Friable	
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7     **Building Name:** Service Building     **Surveyor:** Jason Combe     **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07     **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 71     **Location Name:** Service Building - Electrical Room     **Floor:** Main-Service Building     **Room #:**     **Square ft:** 400

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0014	Confirmed Asbestos	Friable
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	20	(7)		SF	V0010	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found									NINI	None		
Other	Electrical Panel	Not Insulated								NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 72      **Location Name:** Service Building -      **Floor:** Main-Service Building      **Room #:**      **Square ft:** 600  
**Storage Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Piping	Domestic Water (Hot & Cold)	Fibreglass			B	Y						None	
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	70	(7)		SF	V0010	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Piping - domestic water installed 1993

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 73      **Location Name:** Service Building - Washroom      **Floor:** Main-Service Building      **Room #:**      **Square ft:** 130

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	S0014	Confirmed Asbestos	Friable
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y				NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	3	(7)		EA	V0014	Confirmed Asbestos	Friable
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	2	(7)		SF	V0010	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 74      **Location Name:** Service Building - Stairwell      **Floor:** Main-Service Building      **Room #:**      **Square ft:** 160

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 75      **Location Name:** Service Building - Control Room      **Floor:** Basement-Service Building      **Room #:**      **Square ft:** 224

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	224				SF	V0000	None	
Ceiling	AT-004	Lay-in ceiling tiles	Surface	N/A	C	Y	224				SF	V0005	None	
Walls		Drywall											None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Fibreglass										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Electrical Panel	Not Insulated										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

Building #: 7		Building Name: Service Building		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-07		Reassessment Surveyor: Lambert Cruz		Location Name: Service Building - Boiler Room		Floor: Basement-Service Building		Room #:		Square ft: 3600				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI		None	
Ceiling	Not Found										NINI		None	
Walls		Concrete(poured)									NINI		None	
Structure	Deck	Concrete(poured)									NINI		None	
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	18	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	37	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Low Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	30	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	5			EA	V0006		None	
Piping	Chilled Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10			EA	V0007		None	
Piping	Low Pressure Steam	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	Chilled Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	35			EA	V0007		None	
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI		None	
Piping	High Pressure Steam	Fibreglass	Straight	Canvas	C	Y					NINI		None	

Location continued on next page...



...Location continued from previous page

Building #: 7		Building Name: Service Building		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-07		Reassessment Surveyor: Lambert Cruz		Location Name: Service Building - Boiler Room		Floor: Basement-Service Building		Room #:		Square ft: 3600				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Piping	High Pressure Steam	Parging over Fibreglass	Fitting	Canvas	C	Y	21	(7)			EA	V0014	Confirmed Asbestos	Friable
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	12	(7)			SF	V0010	Confirmed Asbestos	Friable
Duct	Exhaust	Fibreglass w/Parging	Surface	Canvas	C	Y	4	(7)			SF	V0010	Confirmed Asbestos	Friable
Duct	Return Air	Fibreglass	Surface	Canvas	C	Y						NINI	None	
Mechanical Equipment	Boiler	Not Insulated										NINI	None	
Mechanical Equipment	Expansion Tank	Not Insulated										NINI	None	
Mechanical Equipment	Breeching	Parging over Fibreglass	Surface	Canvas	C	Y	1200	(7)			SF	S0016	Confirmed Asbestos	Friable
Mechanical Equipment	Exchanger	Fibreglass w/Parging	Surface	Canvas	B	Y	25	(7)			SF	S0015	Confirmed Asbestos	Friable
Mechanical Equipment	Boiler	Refractory Ceramic Fibre	Insulation	N/A	B	N	90				SF	S0017	None	
Mechanical Equipment	Expansion Tank	Not Insulated										NINI	None	
Mechanical Equipment	Boiler	Not Insulated										NINI	None	
Mechanical Equipment	Boiler	Not Insulated										NINI	None	
Other	Not Found											NINI	None	

Note: Boiler door/End #B653



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 7  
**All Data Report**

**Building #:** 7      **Building Name:** Service Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 115      **Location Name:** Exterior Wall of Service Bldg      **Floor:** Main      **Room #:** Exterior W      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9500	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	120	(7)			SF	S0027	Confirmed Asbestos	Non-Friable

Note: Exterior Wall of Service Bldg October 2014 Proj 95079



**Client:** City of Winnipeg Water and Waste Dept

**Site:** South End Water Pollution Control Centre

**Building Number(s):** 7

**All Data Report**

**Legend:**

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



**Client:** City of Winnipeg Water and Waste Dept

**Site:** South End Water Pollution Control Centre

**Building Number(s):** 10

## All Data Report

**Building #:** 10  
**Location #:** 114

**Building Name:** Standby Power Building

**Surveyor:** LSC

**Survey Date:** 2014-10-07

**Location Name:** Exterior Wall of

**Floor:** Main

**Room #:** Exrior Wa

**Square ft:**

**Standby Power Bldg**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Walls	Exterior	Marble	Surface	N/A	A	Y	100			%	V9000	None	
Walls	Exterior	Plaster	Base	N/A	A	Y	100			%	S0001	None	

Note: Exterior Wall of Standby Power Bldg October 2014 Proj 95079





**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 8  
**All Data Report**

Building #: 8		Building Name: Unox Building		Surveyor: Jason Combe		Survey Date: 2006-04-25								
Reassessment Date: 2014-10-07		Reassessment Surveyor: Lambert Cruz		Location Name: Unox - Unox		Floor: Ground-Unox Building		Room #:		Square ft: 3000				
Location #: 98		Equipment Room												
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	12	(7)			EA	V0014	Confirmed Asbestos	Friable
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y					NINI	None		
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	13				EA	V0006	None	
Duct	Supply Air	Fibreglass w/Parging	Surface	Canvas	C	Y	60	(7)			SF	V0010	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 8  
**All Data Report**

**Building #:** 8      **Building Name:** Unox Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 99      **Location Name:** Unox - PSA      **Floor:** Ground-Unox Building      **Room #:**      **Square ft:**  
**Compressor Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(poured)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Electrical Panel	Not Insulated									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 8  
**All Data Report**

**Building #:** 8      **Building Name:** Unox Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 100      **Location Name:** Unox - Oxygen Reactor      **Floor:** Ground-Unox Building      **Room #:**      **Square ft:** 1000  
**Junction Chamber**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Return Air	Not Insulated								NINI	None		
Mechanical Equipment	Heating Water Tank	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 8  
**All Data Report**

**Building #:** 8      **Building Name:** Unox Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-04-25  
**Reassessment Date:** 2014-10-07      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 104      **Location Name:** Unox Bldg - Ground - **Floor:** Ground-Unox Building      **Room #:**      **Square ft:** 1500  
**Garage/Truck Bay (is location 96 as well)**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor	All	Concrete(poured)	Not Applicable	N/A	A	Y								None
Ceiling	Not Found	N/A		N/A										None
Walls		Masonry		None Found										None
Structure	Beam, Deck	Steel	Not Applicable	Paint	C	Y								None
Structure	Beam, Deck	Concrete(precast)	Not Applicable	None Found	C	Y								None
Piping	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)		EA	V0014	Confirmed Asbestos	Friable	
Piping	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	7			EA	V0006	None		
Piping	Heating Water Return	Fibreglass	Straight	Canvas	C	Y								None
Piping	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y								None
Duct	Supply Air	Steel	Surface	None Found	C	Y								None
Mechanical Equipment	Motor	Steel	Surface	None Found	C	Y								None



South End Water Pollution Control Centre  
100 Ed Spencer Drive, Winnipeg, Manitoba

<b>Asbestos-containing materials</b>	<b>Location, Quantity</b>	<b>Condition</b>	<b>Class D Estimate for removal</b>
<b>Parging cement insulating pipe system fittings</b>	Throughout buildings - 950 ftgs	3 damaged fittings, remaining in good condition	\$90,000.00
<b>Parging cement insulating ducts</b>	Within Primary Clarifier , Pump & screen, Secondary Clarifier, Service, & Unox buildings - 3,600 SF	21 SF damaged, remaining in Good condition	\$50,000.00
<b>Parging cement insulating mechanical equipment</b>	Within Admin, Primary Clarifier, and Service Building - 1,600 SF	Good condition	\$18,000.00
<b>Texture Coat</b>	Pump and Screen Building - 4,300 SF		\$107, 500
<b>Plaster</b>	Pump and Screen Building - 50 SF	Good condition	\$1,200.00
<b>Transite Cement Board</b>	Admin Building - 65 SF	Good condition	\$400.00
<b>Total</b>			<b>\$159,600.00</b>

Inspection and Air Monitoring is not included in the above fees. GST is not included in the above fees.



December 17, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey - Exterior  
South End Water Pollution Control Centre Exterior  
100 Ed Spencer Drive, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey for the South End Water Pollution Control Centre Exterior. This survey was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey for the South End Water Pollution Control Centre Exterior was completed by Lambert Cruz of Pinchin Ltd. on October 16, 2014.

The survey included a visual inspection of the exterior walls of the South End Water Pollution Control Centre Buildings built prior to 1995.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

21 additional bulk samples were collected. Please reference attached Lab ID 1420563.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the South End Water Pollution Control Centre Exterior. This report is not intended to be a standalone report but an addendum to the original report and subsequent updates.

## FINDINGS

### 1.0 EXTERIOR

- **Administration Building** - Laboratory analysis of Sample No. 0001A-C indicates that the plaster on the exterior wall of Administration Building front contains Chrysotile asbestos.
- **Primary clarifier + Admin + Pump Screen Building** - Laboratory analysis of Sample No. 0002A-C indicates that the plaster on the exterior wall of Primary clarifier + Admin + Pump Screen Building contains Chrysotile asbestos.
- **Oxygen Reactor** - Laboratory analysis of Sample No. 0003A-C indicates that the plaster on the exterior wall of Bottom Oxygen Reactor contains Chrysotile asbestos.
- **PSA Building** - Laboratory analysis of Sample No. 0004A-C indicates that the plaster on the exterior wall of PSA Building do not contain asbestos.
- **Secondary Clarifier Building** - Laboratory analysis of Sample No. 0005A-C indicates that the plaster on the exterior wall of Secondary Clarifier Building contains Chrysotile asbestos.
- **Standby Power Building** - Laboratory analysis of Sample No. 0006A-C indicates that the plaster on the exterior wall of Standby Power Building do not contain asbestos.
- **Service Building** - Laboratory analysis of Sample No. 0007A-C indicates that the plaster on the exterior wall of Service Building contains Chrysotile asbestos.

Please reference attached Lab ID 1420563, samples 0001 through 0007.

All Plaster is maintained in **GOOD** condition.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### Pinchin Ltd.

Prepared by:



W2014-008

per: Lambert Cruz  
*Project Technologist*  
Hazardous Materials Group  
[lcruz@pinchin.com](mailto:lcruz@pinchin.com)

Reviewed by:



W2014-477

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - South End WPCC - 2014 Exterior Survey - December 8, 2014 - updated per JYC December 15, 2014

Attach.



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420563

**Analysis ID:** 1420563\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/27/2014

**Project:** 95079, COWWWD, South End Water  
Pollution Control Centre (SEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Plaster, Exterior Wall, Administration Bldg. Front, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_1	single layer plaster				Crushed
0001B - A	Plaster, Exterior Wall, Administration Bldg. Front, SEWPCC (Stop Positive)	5% Chrysotile		95% Other	Gray Non Fibrous Heterogeneous
1420563PLM_2	paint				Dissolved
0001B - B	Plaster, Exterior Wall, Administration Bldg. Front, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_23	base				Crushed
0001C	Plaster, Exterior Wall, Administration Bldg. Front, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_3	single layer plaster				Crushed
0002A - A	Plaster, Exterior Wall, Primary Clarifier+Admin+Pump Screen Bldg., SEWPCC (Stop)	5% Chrysotile		95% Other	Gray Non Fibrous Heterogeneous
1420563PLM_4	paint				Dissolved
0002A - B	Plaster, Exterior Wall, Primary Clarifier+Admin+Pump Screen Bldg., SEWPCC (Stop)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_24	base				Crushed
0002B - A	Plaster, Exterior Wall, Primary Clarifier+Admin+Pump Screen Bldg., SEWPCC (Stop)	Not Analyzed			
1420563PLM_5	paint				
0002B - B	Plaster, Exterior Wall, Primary Clarifier+Admin+Pump Screen Bldg., SEWPCC (Stop)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_25	base				Crushed

**Disclaimer:** Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Bobby Wheatley (32)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420563

**Analysis ID:** 1420563\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/27/2014

**Project:** 95079, COWWWD, South End Water  
Pollution Control Centre (SEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0002C - A	Plaster, Exterior Wall, Primary Clarifier+Admin+Pump Screen Bldg., SEWPCC (Stop)	Not Analyzed			
1420563PLM_6	paint				
0002C - B	Plaster, Exterior Wall, Primary Clarifier+Admin+Pump Screen Bldg., SEWPCC (Stop)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_26	base				Crushed
0003A - A	Plaster, Exterior Wall, Bottom Oxygen Reactor, SEWPCC (Stop Positive)	3% Chrysotile		97% Other	Gray Non Fibrous Homogeneous
1420563PLM_7	paint				Dissolved
0003A - B	Plaster, Exterior Wall, Bottom Oxygen Reactor, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_27	base				Crushed
0003B - A	Plaster, Exterior Wall, Bottom Oxygen Reactor, SEWPCC (Stop Positive)	Not Analyzed			
1420563PLM_8	paint				
0003B - B	Plaster, Exterior Wall, Bottom Oxygen Reactor, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_28	base				Crushed
0003C - A	Plaster, Exterior Wall, Bottom Oxygen Reactor, SEWPCC (Stop Positive)	Not Analyzed			
1420563PLM_9	paint				
0003C - B	Plaster, Exterior Wall, Bottom Oxygen Reactor, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_29	base				Crushed

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Bobby Wheatley (32)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420563

**Analysis ID:** 1420563\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/27/2014

**Project:** 95079, COWWWD, South End Water  
Pollution Control Centre (SEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0004A	Plaster, Exterior Wall, PSA Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_10	single layer plaster				Crushed
0004B	Plaster, Exterior Wall, PSA Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_11	single layer plaster				Crushed
0004C	Plaster, Exterior Wall, PSA Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_12	single layer plaster				Crushed
0005A - A	Plaster, Exterior Wall, Secondary Clarifier Bldg, SEWPCC (Stop Positive)	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
1420563PLM_13	paint				Dissolved
0005A - B	Plaster, Exterior Wall, Secondary Clarifier Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_30	base				Crushed
0005B	Plaster, Exterior Wall, Secondary Clarifier Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_14	single layer plaster				Crushed
0005C - A	Plaster, Exterior Wall, Secondary Clarifier Bldg, SEWPCC (Stop Positive)	Not Analyzed			
1420563PLM_15	paint				
0005C - B	Plaster, Exterior Wall, Secondary Clarifier Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_31	single layer plaster				Crushed

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Bobby Wheatley (32)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420563

**Analysis ID:** 1420563\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/27/2014

**Project:** 95079, COWWWD, South End Water  
Pollution Control Centre (SEWPCC),  
110-1199 Pacific Ave., Winnipeg, MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0006A	Plaster, Exterior Wall, Standby Power Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_16	single layer plaster				Crushed
0006B	Plaster, Exterior Wall, Standby Power Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_17	single layer plaster				Crushed
0006C	Plaster, Exterior Wall, Standby Power Bldg, SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_18	single layer plaster				Crushed
0007A	Plaster, Exterior Wall, Service Bldg., SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_19	single layer plaster				Crushed
0007B	Plaster, Exterior Wall, Service Bldg., SEWPCC (Stop Positive)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1420563PLM_20	single layer plaster				Crushed
0007C - A	Plaster, Exterior Wall, Service Bldg., SEWPCC (Stop Positive)	5% Chrysotile		95% Other	Gray Non Fibrous Heterogeneous
1420563PLM_21	paint				Dissolved
0007C - B	Plaster, Exterior Wall, Service Bldg., SEWPCC (Stop Positive)	Not Analyzed			
1420563PLM_32	base				
0008A	Parging Cement, Pipe Fitting, Hot Water Supply, Location 22, Hallway Floor, Administra	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Heterogeneous
1420563PLM_22					Teased

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Bobby Wheatley (32)

Analyst

Approved Signatory



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
**Custom Report**

**Building #: 1**      **Building Name: Administration Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 109**      **Location Name: Exterior Wall**      **Floor: Main**      **Room #: Exter**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	All	Plaster	Exterior	N/A	A	Y	750	(7)			SF	S0027	Confirmed Asbestos	Non-Friable
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of Administration Bldg, SEWPCC, Base of Wall

**Building #: 3**      **Building Name: Oxygen Reactor**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-07**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 111**      **Location Name: Exterior Wall of Oxygen Reactor Bldg**      **Floor: Main**      **Room #: Exyte**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	200	(7)			SF	S0027	Confirmed Asbestos	Non-Friable
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of Oxygen Reactor Bldg October 2014 Proj 95079

**Building #: 4**      **Building Name: Primary Clarifiers**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 110**      **Location Name: Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg**      **Floor: Main**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	600	(7)			SF	S0027	Confirmed Asbestos	Non-Friable
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg Taken October 2014



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
**Custom Report**

**Building #: 5**      **Building Name: Pump and Screen Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 110**      **Location Name: Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg**      **Floor: Main**      **Room #: Exter**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	100	(7)			SF	S0027	Confirmed Asbestos	Non-Friable
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of Primary Clarifier+Admin+Pump Screen Bldg October 2014 Proj 95079

**Building #: 6**      **Building Name: Secondary Clarifier**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-06**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 113**      **Location Name: Exterior Wall of Secondary Clarifier Bldg**      **Floor: Main**      **Room #: Exterior W**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	1000	(7)			SF	S0027	Confirmed Asbestos	Non-Friable
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of Secondary Clarifier Bldg October 2014 Proj 95079

**Building #: 7**      **Building Name: Service Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-04-25**  
**Reassessment Date: 2014-10-07**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 115**      **Location Name: Exterior Wall of Service Bldg**      **Floor: Main**      **Room #: Exterior W**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	120	(7)			SF	S0027	Confirmed Asbestos	Non-Friable
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9500	None	

Note: Exterior Wall of Service Bldg October 2014 Proj 95079



**Client:** City of Winnipeg Water and Waste Dept      **Site:** South End Water Pollution Control Centre  
**Building Number(s):** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
**Custom Report**

**Building #: 9**      **Building Name: PSA Building**      **Surveyor: LSC**      **Survey Date: 2014-10-07**  
**Location #: 112**      **Location Name: Exterior Wall of PSA Bldg**      **Floor: Main**      **Room #: Exrior Wa**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	200				SF	S0001	None	
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of PSA Bldg October 2014 Proj 95079

**Building #: 10**      **Building Name: Standby Power Building**      **Surveyor: LSC**      **Survey Date: 2014-10-07**  
**Location #: 114**      **Location Name: Exterior Wall of Standby Power Bldg**      **Floor: Main**      **Room #: Exrior Wa**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Walls	Exterior	Plaster	Base	N/A	A	Y	100				%	S0001	None	
Walls	Exterior	Marble	Surface	N/A	A	Y	100				%	V9000	None	

Note: Exterior Wall of Standby Power Bldg October 2014 Proj 95079





November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention:** Ms. Monica Li, E.I.T.

**Re:** 2014 Asbestos Survey Update  
West End Wastewater Pollution Control Centre Lagoon Chamber  
7740 Wilkes Avenue, Winnipeg, MB  
Pinchin File No. 95079

This letter is written to discuss our findings during the 2014 asbestos survey update for the West End Wastewater Pollution Control Centre Lagoon Control Chamber and Lagoon Outfall Building. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for this West End Wastewater Pollution Control Centre Lagoon Chamber was dated July 23, 2008. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the West End Wastewater Pollution Control Centre Lagoon Control Chamber and Lagoon Outfall Building where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

No bulk samples were collected.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the West End Wastewater Pollution Control Centre Lagoon Control Chamber and Lagoon Outfall Building. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for West End Wastewater Pollution Control Centre Lagoon Control Chamber and Lagoon Outfall Building was completed by Mr. Lambert Cruz of Pinchin on September 26, 2014.

## FINDINGS

### Ductwork

Asbestos cement exhaust ducts in the main floor and basement of the Lagoon Control Chamber are not accessible during the time of inspection for safety purposes.

### Asbestos Cement Siding or Panels (Ceiling or Wall)

Asbestos cement panels were maintained in **GOOD** condition on the walls of the west room of the Lagoon Outfall Building.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call 204.452.0983.

### Pinchin Ltd.

Prepared by:



W2014-137

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

Reviewed by:



W2014-420

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - West End Water Pollution Control Centre - 2014 Survey Update - November 26, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** West End Water Pollution Control Centre  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Lagoon Control Chamber                      **Surveyor:** JYC                      **Survey Date:** 2008-03-26  
**Reassessment Date:** 2014-09-26                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 1**                      **Location Name:** Main Floor                      **Floor:** Main                      **Room #:**                      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling	Not Found													None
Walls		Masonry												None
Structure	Deck	Concrete(poured)						800						None
Piping	All	Not Insulated						800						None
Duct	Exhaust	Transite	All Pipe	N/A	B	Y	4	(7)		LF	V9000	Confirmed Asbestos	Non-Friable	
Mechanical Equipment	Motor	Not Insulated												None

Note: Not accessible during time of inspection 2013 due to safety condition.

**Building #:**                      **Building Name:** Lagoon Control Chamber                      **Surveyor:** JYC                      **Survey Date:** 2008-03-26  
**Reassessment Date:** 2014-09-26                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 2**                      **Location Name:** Basement                      **Floor:** BSMT                      **Room #:**                      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling	Not Found													None
Walls		Masonry												None
Structure	Deck	Concrete(poured)												None
Piping	All	Not Insulated												None
Duct	Exhaust	Transite	All Pipe	N/A	B	Y	4	(7)		LF	V9000	Confirmed Asbestos	Non-Friable	
Mechanical Equipment	Motor	Not Insulated												None

Note: Not accessible during time of inspection 2013 due to safety condition.



**Client:** City of Winnipeg Water and Waste Dept     **Site:** West End Water Pollution Control Centre  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name:</b> Effluent Gate Chamber		<b>Surveyor:</b> JYC		<b>Survey Date:</b> 2008-03-26								
<b>Reassessment Date:</b> 2013-07-04		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 1		<b>Location Name:</b> Wet Well		<b>Floor:</b> Main		<b>Room #:</b>		<b>Square ft:</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling	Not Found													None
Walls		Masonry												None
Structure	Deck	Concrete(poured)												None
Piping	All	Not Insulated												None
Duct	Exhaust	Not Insulated		N/A	A	Y								None
Mechanical Equipment	Motor	Not Insulated												None

<b>Building #:</b>		<b>Building Name:</b> Effluent Gate Chamber		<b>Surveyor:</b> JYC		<b>Survey Date:</b> 2008-03-26								
<b>Reassessment Date:</b> 2013-07-04		<b>Reassessment Surveyor:</b> Lambert Cruz												
<b>Location #:</b> 2		<b>Location Name:</b> Meter Room		<b>Floor:</b> Main		<b>Room #:</b>		<b>Square ft:</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling	Not Found													None
Walls		Wood												None
Structure	Deck	Concrete(poured)												None
Piping	All	Not Insulated												None
Duct	Not Found													None
Mechanical Equipment	Not Found													None







November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re:           2014 Asbestos Survey Update  
              Shoal Lake Intake Facility  
              Shoal Lake, MB  
              Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the Shoal Lake Intake Facilities. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for the Shoal Lake Intake Facility was dated July 23, 2008. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room/facility in the Shoal Lake Intake Facility where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms/facilities where no ACMs were reported were not inspected. Facilities that have ACMs that were inspected included the following:

- Staff House Building
- Storage Shed

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

No bulk samples were collected.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the Shoal Lake Intake Facility. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the Shoal Lake Intake Facility was completed by Lambert Cruz of Pinchin on September 29, 2014.

## FINDINGS

### Asbestos Cement Siding or Panels (Ceiling or Wall)

Asbestos cement panels are generally maintained in **GOOD** condition on the exterior of the Staff House and the Storage Shed, with minor amounts of damage rated in **FAIR** conditions.

The following damage was identified:

Location	Quantity
Main Floor Staff House (Location No. 1)	approximately 3 square feet of asbestos cement panel wall

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Remove the asbestos cement panels proactively to address the annual inventory and monitoring required as detailed in the AMP for these facilities.
2. Apply encapsulant, following Type 1 procedures on panels that will be damaged in Fair condition if any during the course of the year.
3. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

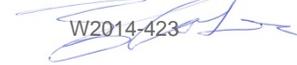
### Pinchin Ltd.

Prepared by:

 W2014-140

per: Ken Brydges, C.E.T, LEED GA  
Senior Project Technologist  
Environmental Hygiene Group  
kbrydges@pinchin.com

Reviewed by:

 W2014-423

per: Jason Combe  
Operations Manager  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Shoal Lake  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Staff House Building</b>		<b>Surveyor: JYC</b>		<b>Survey Date: 2008-04-14</b>								
<b>Reassessment Date: 2014-09-29</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 1</b>		<b>Location Name: Staff House</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft:</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability	
							Good	Fair	Poor					
Floor		Carpet										None		
Ceiling	ACOUSTIC TILE	Glued-on ceiling tiles	Surface	N/A	C	Y	100			%	V0000	None		
Ceiling		Wood										None		
Ceiling	ACOUSTIC TILE	Lay-in ceiling tiles	Surface	N/A	C	Y	100			%	V0000	None		
Ceiling		Drywall										None		
Walls		Drywall										None		
Walls		Transite	Exterior	Paint	A	Y	4797	(7)	3	(7)	SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Not Accessible											None		
Piping	All	Not Insulated										None		
Duct	All	Not Insulated										None		
Mechanical Equipment	All	Not Insulated										None		



**Client:** City of Winnipeg Water and Waste Dept     **Site:** Shoal Lake  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Storage Shed</b>		<b>Surveyor: JYC</b>		<b>Survey Date: 2008-04-14</b>							
<b>Reassessment Date: 2014-09-29</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft:</b>					
<b>Location #: 1</b>		<b>Location Name: Storage Shed</b>		<b>Floor: Main</b>									
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)										None	
Ceiling	Not Found											None	
Walls		Wood										None	
Walls		Transite	Exterior	Paint	A	Y	1200	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Steel Truss	Wood										None	
Piping	Not Found											None	
Duct	Not Found											None	
Mechanical Equipment	Not Found											None	



**Legend:**

Action		Access		Condition		Sample Number	
(1) Clean Up of ACM Debris	(2) Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3) ACM removal	(4) Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5) Proactive ACM removal (Minimum repair required for fair condition)	(6) ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7) Management program and surveillance		D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
						V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual							Note: Presumed various materials identified in the report are ACM if not sampled.

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
Deacon Road Booster Pumping Station and Reservoir  
Deacon Road, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the Deacon Road Booster Pumping Station and Reservoir. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for the Deacon Road Booster Pumping Station and Reservoir was dated March 6, 2007. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the Deacon Road Booster Pumping Station and Reservoir where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online.

Updated HMIS data sheets are attached.

No bulk samples were collected.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the Deacon Road Booster Pumping Station and Reservoir. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the Deacon Road Booster Pumping Station and Reservoir was completed by Lambert Cruz of Pinchin on September 30, 2014.

## FINDINGS

### Vinyl Floor Tiles

Vinyl floor tiles in the Mechanical Room (Location No. 10) and Control Room (Location No. 11) were maintained in **GOOD** condition. New vinyl floor tiles were installed over the old existing vinyl floor tiles.

### Other Asbestos-containing Materials

Parging cement inside an opening in the walls in the Storage Room (Location No. 7), Stairwell (Location No. 8), Stairwell (Location No. 9), Mechanical Room (Location No. 10) and Control Room Hallway (Location No. 13) are generally maintained in **GOOD** condition with minor amount rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Control Room Hallway (Location No. 13)	1 square foot of parging cement rated in <b>FAIR</b> condition

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Repair, using an encapsulant, 1 square foot of parging cement in the control room hallway (Location No. 13); and
2. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

### Pinchin Ltd.

Prepared by:



W2014-442

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

Reviewed by:



W2014-425

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - Deacon Booster Pumping Station 2014 Survey Update - November 21, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Deacon Booster Pumping Station **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:**2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1                      **Location Name:** Lobby                      **Floor:** Main                      **Room #:**                      **Square ft:** 256

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)	Surface	Rubber	A	Y						NINI	None	
Ceiling	Not Found												None	
Walls		Masonry											None	
Structure	Beam, Deck	Concrete(poured)											None	
Piping	Not Found												None	
Duct	Not Found												None	
Mechanical Equipment	Not Found												None	
Other	Not Found												None	

**Building #:**                      **Building Name:** Deacon Booster Pumping Station **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:**2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 2                      **Location Name:** Stairwell                      **Floor:** Main                      **Room #:**                      **Square ft:** 96

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)	Surface	Rubber	A	Y							NINI	None
Ceiling	Not Found												NINI	None
Walls		Masonry											NINI	None
Structure	Beam, Deck	Concrete(poured)											NINI	None
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4				EA	S0001	None	
Duct	Not Found												NINI	None
Mechanical Equipment	Not Found												NINI	None
Other	Not Found												NINI	None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>						
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 3</b>		<b>Location Name: Men's Washroom</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 96</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	AT-001 - Pinholes with small fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	96			SF	S0002	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	2			EA	V0001	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>						
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 4</b>		<b>Location Name: Women's Washroom</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 128</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	AT-001 - Pinholes with small fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	128			SF	V0002	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	6			EA	V0001	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>						
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 5</b>		<b>Location Name: Hallway</b>			<b>Floor: Main</b>		<b>Room #:</b>			<b>Square ft: 32</b>			
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	Rubber	A	Y					NINI	None	
Ceiling	AT-001 - Pinholes with small fissures	Lay-in ceiling tiles	Surface	N/A	C	Y	32			SF	V0002	None	
Walls		Ceramic Tiles									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	N	7			EA	V0001	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-05-08</b>					
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location Name: Garage</b>			<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 1200</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	14			EA	V0001	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	5		1	EA	S0004	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Generator Exhaust	Metal Over Mag Block	System	N/A	C	Y	30			LF	S0003	None	
Other	Not Found										NINI	None	

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 7                      **Location Name:** Storage Room                      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 128

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	VAT and Mastic Adhesive	A	Y	128			SF	V9500	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0004	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	
Other		Parging Cement	Surface		C	Y	2	(7)		SF	V0005	Confirmed Asbestos	Friable

Note: Parging Cement in Wall is at North wall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 8                      **Location Name:** Stairwell                      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 210

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	VAT and Mastic Adhesive	A	Y	210			SF	V9500	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	
Other		Parging Cement	Surface		C	Y	2	(7)		SF	V0005	Confirmed Asbestos	Friable

Note: Parging Cement in Wall is at West and South wall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 9                      **Location Name:** Stairwell                      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 192

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		
Other		Parging Cement	Surface		C	Y	2	(7)		SF	V0005	Confirmed Asbestos	Friable

Note: Parging Cement in Wall is at East and West wall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 10**                      **Location Name:** Mechanical Room      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	200	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	16			EA	V0000	None	
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y					NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Not Insulated									NINI	None	
Other	Not Found										NINI	None	
Other		Parging Cement	Surface		C	Y	2	(7)		SF	V0005	Confirmed Asbestos	Friable

Note: Parging Cement in Wall is at North and South wall

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 11                      **Location Name:** Control Room                      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 450

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface	VAT and Mastic Adhesive	A	N	408	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	408			SF	V0000	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

Note: Old VAT were covered with new VAT



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 12                      **Location Name:** Compressor Room      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 600

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	12			EA	V0004	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Compressor	Not Insulated									NINI	None	
Mechanical Equipment	Compressor	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** Deacon Booster Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-08  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 13                      **Location Name:** Hallway                      **Floor:** Control Room (Basement Room #: 3)                      **Square ft:** 100

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VAT and Mastic Adhesive	Surface	VAT and Mastic Adhesive	A	N	100	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Floor		Concrete(poured)	Surface	VAT and Mastic Adhesive	A	Y	100				SF	V9000	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	100				SF	V0000	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	15				EA	V0004	None	
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y						NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other		Parging Cement	Surface		C	Y	1	(7)	1	(6)	SF	S0005	Confirmed Asbestos	Friable

Note: Old VAT were covered with new VAT, Parging Cement in Wall is at East and South wall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-05-08</b>					
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 14</b>		<b>Location Name: Electrical Mezzanine</b>			<b>Floor: Mezzanine (Basement 2)</b>			<b>Room #: Square ft: 1800</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	2			EA	V0004	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-05-08</b>					
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 15</b>		<b>Location Name: Generator Area</b>			<b>Floor: Mezzanine (Basement 2)</b>			<b>Room #: Square ft: 225</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Generator Exhaust	Metal Over Mag Block	System	N/A	C	Y	20			LF	V0000	None	
Mechanical Equipment	Generator Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	

Note: Generator Exhaust - New Installation - 2004



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 16</b>		<b>Location Name: Pump Floor</b>		<b>Floor: Pump Floor (Basement 1)</b>			<b>Room #:</b>			<b>Square ft: 10800</b>			
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	66		4	EA	V0004	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	B	Y	25		6	EA	V0004	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Pump	Not Insulated									NINI	None	
Mechanical Equipment	Pump	Not Insulated									NINI	None	
Mechanical Equipment	Pump	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Deacon Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 17</b>		<b>Location Name: Stairwell</b>			<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 96</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 18</b>		<b>Location Name: Foyer</b>			<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 25</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Fresh Air Intake	Fibreglass	Surface	Canvas	C	Y						NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

<b>Building #:</b>		<b>Building Name: Deacon Booster Pumping Station</b>			<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-08</b>						
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 19</b>		<b>Location Name: Chlorine Room</b>		<b>Floor: Main</b>		<b>Room #: Square ft: 450</b>		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	4			EA	V0001	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	31		1	EA	V0004	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	





November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
G.C. MacLean Pumping Station and Reservoir  
875 Lagimodiere Boulevard, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the G.C. MacLean Pumping Station and Reservoir. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for the G.C. MacLean Pumping Station and Reservoir was dated March 6, 2007. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the G.C. MacLean Pumping Station and Reservoir where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online.

Updated HMIS data sheets are attached.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the G.C. MacLean Pumping Station and Reservoir. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for G.C. MacLean Pumping Station and Reservoir was completed by Lambert Cruz of Pinchin on September 30, 2014.

## FINDINGS

### Pipe Systems

Asbestos-containing parging cement on pipe fittings in the control room (Location No. 4), chlorine scale room (Location No. 7), chlorine tonner room (Location No. 9), ammonia room (Location No. 11), upper walkways (Location No. 12), stairwell (Location No. 14), north mezzanine (Location No. 15), fan room (Location No. 16), stairwell (Location No. 17), generator room (Location No. 18), pump floor (Location No. 19), maintenance room (Location No. 20), and valve room (Location No. 21) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Upper Walkways (Location No. 12)	3 fittings rated in <b>FAIR</b> condition
Fan Room Floor (Location No. 16)	3 fittings rated in <b>FAIR</b> condition
Lower Level Pump Floor (Location No. 19)	1 fitting rated in <b>FAIR</b> condition
Lower Level Valve Room (Location No. 21)	5 fittings rated in <b>FAIR</b> condition

### Ductwork

Asbestos-containing duct insulation in the Chlorine Analyser Room, Chlorine Scale Room, Ammonia Room, Fan Room and Pump Floor (Location Nos. 6, 7, 11, 16 and 19, respectively) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Chlorine Analyzer Room (Location No. 6)	1 square foot of duct insulation rated in <b>FAIR</b> condition

### **Mechanical Insulation**

The asbestos-containing magnesia block insulation on the generator exhaust in the mezzanine generator room (Location No. 18) is maintained in **GOOD** condition.

### **Ceiling Tiles**

Asbestos cement ceiling tiles located in the main floor vestibule (Location No. 10) are maintained in **GOOD** condition.

## **RECOMMENDATIONS**

Based on the findings of our investigation, our recommendations are as noted below:

1. Repair using canvas and lagging, the following:
  - 3 damaged fittings rated in **FAIR** condition in the upper walkways (Location No. 12);
  - 3 damaged fittings rated in **FAIR** condition in the fan room floor (Location No. 16);
  - 1 damaged fitting and 1 square foot of duct insulation rated in **FAIR** condition in the lower level pump floor (Location No. 19);
  - 5 damaged fittings rated in **FAIR** condition in the lower level valve room (Location No. 21);
  - Approximately 1 square foot of damaged duct insulation rated in **FAIR** condition in the chlorine analyzer room (Location No. 6); and

2. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call 204.452.0983.

**Pinchin Ltd.**

Prepared by:



W2014-143

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

Reviewed by:



W2014-426

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - MacLean Pumping Station - 2014 Survey Update - November 21, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** MacLean Pumping Station                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-04  
**Reassessment Date:**2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 1**                      **Location Name:** Vestibule                      **Floor:** Main                      **Room #:**                      **Square ft:** 80

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI	None		
Ceiling	Not Found											None		
Walls		Masonry										None		
Structure	Beam, Deck	Concrete(precast)					800					None		
Piping	Not Found						800					None		
Duct	Not Found											None		
Mechanical Equipment	Not Found											None		
Other	Not Found											None		

**Building #:**                      **Building Name:** MacLean Pumping Station                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-04  
**Reassessment Date:**2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 2**                      **Location Name:** Lobby                      **Floor:** Main                      **Room #:**                      **Square ft:** 150

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles									NINI	None		
Ceiling		Metal									NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(precast)									NINI	None		
Piping	Not Found										NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 3</b>		<b>Location Name: Washroom</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 120</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling		Metal									NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Not Insulated	Fitting	N/A	B	Y	100			%	V0000	None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	B	Y					NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Heating Water Tank	Fibreglass	Surface	Foil Face	B	Y	100			%	V0000	None	
Mechanical Equipment	Heating Water Tank	Horsehair	Surface	Canvas	B	Y					NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 4</b>		<b>Location Name: Control Room</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 792</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Metal									NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	12			LF	S0003	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	12			LF	V0003	None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	B	Y					NINI	None	
Piping	Domestic Water (Hot & Cold)	Abated Material	Fitting	Canvas	B	Y				EA	V0002	[None]	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** MacLean Pumping Station                      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-04  
**Reassessment Date:**2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 5                      **Location Name:** Stairwell                      **Floor:** Main                      **Room #:**                      **Square ft:** 200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** MacLean Pumping Station      **Surveyor:** Jason Combe                      **Survey Date:** 2006-05-04  
**Reassessment Date:** 2014-09-30                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 6                      **Location Name:** Chlorine Analyzer      **Floor:** Main                      **Room #:**                      **Square ft:** 300  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Concrete(precast)									NINI	None		
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas	B	Y					NINI	None		
Piping	Domestic Water (Hot & Cold)	Not Insulated	Fitting	N/A	B	Y	100			%	V0000	None		
Duct	Supply Air	Not Insulated									NINI	None		
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	29	(7)	1	(6)	SF	V0005	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 7</b>		<b>Location Name: Chlorine Scale Room</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 300</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	B	Y	1	(7)		EA	V0002	Confirmed Asbestos	Friable
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	30	(7)		SF	S0005	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** MacLean Pumping Station      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-04  
**Reassessment Date:** 2014-09-30      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 8**                      **Location Name:** Vestibule      **Floor:** Main      **Room #:**      **Square ft:** 200

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping		Not Insulated									NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 9</b>		<b>Location Name: Chlorine Tonner Room Floor: Main</b>				<b>Room #:</b>		<b>Square ft: 1200</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	40				LF	V0003	None
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)			EA	V0004	Confirmed Asbestos Friable
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 10</b>		<b>Location Name: Vestibule</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 80</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Transite	Surface	N/A	C	Y	80	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Masonry									NINI	None	
Structure	N/A										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 11</b>		<b>Location Name: Ammonia Room</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 160</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0004	Confirmed Asbestos	Friable
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	10			LF	V0003	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	B	Y	4	(7)		EA	V0002	Confirmed Asbestos	Friable
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	15	(7)		SF	V0005	Confirmed Asbestos	Friable
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 12</b>		<b>Location Name: Upper Walkways</b>		<b>Floor: Main</b>		<b>Room #:</b>			<b>Square ft: 2200</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Ceramic Tiles										NINI	None	
Ceiling		Metal										NINI	None	
Walls		Masonry										NINI	None	
Structure	Beam, Deck	Concrete(precast)										NINI	None	
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)	3	(7)	EA	S0004	Confirmed Friable Asbestos	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	4				LF	V0003	None	
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	20				LF	V0003	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 13</b>		<b>Location Name: Stairwell</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 160</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Beam, Deck	Concrete(precast)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 14</b>		<b>Location Name: Stairwell</b>		<b>Floor: Mezzanine</b>		<b>Room #:</b>		<b>Square ft: 200</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	11			LF	V0003	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	1 (7)			EA	V0002	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 15</b>		<b>Location Name: North Mezzanine</b>		<b>Floor: Mezzanine</b>		<b>Room #:</b>		<b>Square ft: 600</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	30			LF	S0008	None	
Piping	Domestic Water (Hot & Cold)	Abated Material	Fitting	Canvas	C	Y	3			EA	V0002	[None]	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #: Square ft: 3600</b>								
<b>Location #: 16</b>		<b>Location Name: Fan Room</b>		<b>Floor: Mezzanine</b>										
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Masonry										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	70					LF	V0003	None
Piping	Domestic Water (Hot & Cold)	Parging Cement	Fitting	Canvas	C	Y	14	(7)	3	(6)		EA	V0002	Confirmed Asbestos Friable
Duct	Supply Air	Not Insulated											NINI	None
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	500	(7)				SF	V0005	Confirmed Asbestos Friable
Mechanical Equipment	Exchanger	Not Insulated											NINI	None
Mechanical Equipment	Expansion Tank	Not Insulated											NINI	None
Mechanical Equipment	Air Handling Unit	Not Insulated											NINI	None
Mechanical Equipment	Air Handling Unit	Not Insulated											NINI	None
Mechanical Equipment	Air Handling Unit	Not Insulated											NINI	None
Mechanical Equipment	Air Handling Unit	Not Insulated											NINI	None
Mechanical Equipment	Air Handling Unit	Not Insulated											NINI	None
Mechanical Equipment	Expansion Tank	Not Insulated											NINI	None
Other	Not Found												NINI	None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 17</b>		<b>Location Name: Stairwell</b>		<b>Floor: Mezzanine</b>		<b>Room #:</b>		<b>Square ft: 160</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0002	Confirmed Asbestos Friable	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 18</b>		<b>Location Name: Generator Room</b>		<b>Floor: Mezzanine</b>		<b>Room #:</b>		<b>Square ft: 300</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)		EA	V0002	Confirmed Asbestos	Friable
Piping	Gas Pipe Line	Not Insulated	Fitting	N/A	C	Y	100			%	V0000	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Generator Unit	Not Insulated									NINI	None	
Mechanical Equipment	Generator Exhaust	Metal Over Mag Block	System	N/A	C	Y	40	(7)		LF	S0006	Confirmed Asbestos	Friable
Mechanical Equipment	Generator Unit	Not Insulated									NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-05-04</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>						<b>Room #:</b>				<b>Square ft: 5400</b>			
<b>Location #: 19</b>		<b>Location Name: Pump Floor</b>		<b>Floor: Lower Level</b>			<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>	
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Good</b>	<b>Fair</b>	<b>Poor</b>						
Floor		Concrete(poured)										NINI	None		
Ceiling	Not Found											NINI	None		
Walls		Concrete(poured)										NINI	None		
Structure	Beam, Deck	Concrete(precast)										NINI	None		
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	38	(7)	1	(7)		EA	V0002	Confirmed Asbestos	Friable
Piping	Jacket Water Cooling	Abated Material	Fitting	Canvas	B	Y						EA	V0002	[None]	
Duct	Exhaust	Metal Over Mag Block	System	N/A	C	Y	24	(7)				LF	V0006	Confirmed Asbestos	Friable
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y	24	(7)				SF	V0002	Confirmed Asbestos	Friable
Mechanical Equipment	Pump	Not Insulated											NINI	None	
Mechanical Equipment	Pump	Not Insulated											NINI	None	
Mechanical Equipment	Pump	Not Insulated											NINI	None	
Mechanical Equipment	Pump	Not Insulated											NINI	None	
Mechanical Equipment	Pump	Not Insulated											NINI	None	
Other		Glued-on ceiling tiles	Surface	N/A	B	Y	36					SF	S0007	None	

Note: O = Phone Booth ACM insulation in jacket water cooling system were abated and pipes replaced with new one.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>							
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 20</b>		<b>Location Name: Maintenance Room</b>		<b>Floor: Lower Level</b>		<b>Room #:</b>		<b>Square ft: 600</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	10	(7)		EA	V0002	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** MacLean Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: MacLean Pumping Station</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-04</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 21</b>		<b>Location Name: Valve Room</b>		<b>Floor: Lower Level</b>		<b>Room #:</b>			<b>Square ft: 3600</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Concrete(poured)										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	154	(7)	5	(7)	EA	V0002	Confirmed Asbestos Friable	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	

Note: 3 damage fittings in the south part of the valve room



**Legend:**

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
McPhillips Street Pumping Station  
360 McPhillips Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the McPhillips Street Pumping Station. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for the McPhillips Street Pumping Station was dated March 6, 2007. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the McPhillips Street Pumping Station where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

No bulk samples were collected.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the McPhillips Street Pumping Station. This investigation report will detail changes to the

original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the McPhillips Street Pumping Station was completed by Lambert Cruz of Pinchin on October 01, 2014.

## FINDINGS

### Pipe Systems

Asbestos-containing pipe insulation in the Basement-Pump Building, Chlorine Analyzer Room-Pump Building, Vestibule/Stairwell-Pump Building, Electrical Room-Pump Building, Filter Room-Pump Building, Chlorine Tonner Room-Chlorine Building, Chlorinator Room-Chlorine Building, Stairwell-Chlorine Building, Furnace Room-Old Pump Building and Crawlspace-Old Pump Building (Location Nos. 1, 2, 4, 6, 7, 8, 9, 11, 21 and 36, respectively) is generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following materials have been corrected prior to issuing this report:

Location	Quantity
Basement – Pump Building (Location No. 01)	3 fittings had been repaired
Filter Room – Pump Building (Location No. 7)	16 fittings had been removed
Chlorinator Room – Chlorine Building (Location 9)	2 fittings had been removed
Stairwell Floor – Chlorine Building (Location 11)	2 fittings had been removed

The following damage was noted during the 2013 update:

Location	Quantity and Condition of Damage
Basement – Pump Building (Location No. 1)	2 fittings rated in <b>FAIR</b> condition and 1 fitting rated in <b>POOR</b> condition
Furnace Room – Old Pump Building (Location No. 21)	2 fittings rated in <b>FAIR</b> condition and 3 fittings rated in <b>POOR</b> condition

## Ductwork

Asbestos-containing duct insulation in the Basement – Pump Building (Location No. 1) is generally maintained in **GOOD** condition.

The following materials have been corrected prior to issuing this report:

Location	Quantity
Basement – Pump Building (Location No. 01)	3 fittings had been repaired

## Lay-In Ceiling Tiles

Asbestos-containing ceiling tiles located above the metal ceiling tiles in the Shop – Old Pump Building (Location No. 22) are generally maintained in **GOOD** condition.

## Asbestos Cement Panels

Asbestos cement ceiling in the Washroom-Old Pump Building (Location No. 16) and asbestos cement wall panels in the Dispatch-Old Pump Building, Washroom-Old Pump Building and Vestibule-Old Pump Building (Location Nos. 13, 16 and 17, respectively) are generally maintained in **GOOD** condition.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. Repair, using canvas and lagging, the following:
  - 2 damaged fittings of pipe insulation rated in **FAIR** condition in the Basement Pump Building (Location No. 1); and
  - 2 damaged fittings of pipe insulation rated in **FAIR** condition in the Furnace Room (Location No. 21).
2. Remove following Type 2 Glove Bag procedures, the following:
  - 1 damaged fitting of pipe insulation rated in **POOR** condition in the Basement Pump Building (Location No. 1); and
  - 3 damaged fittings of pipe insulation rated in **POOR** condition in the Furnace Room (Location No. 21).

- 
- 3. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

**Pinchin Ltd.**

Prepared by:



W2014-144

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

Reviewed by:



W2014-427

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - McPhillips Pumping Station - 2014 Survey Update - Working Copy.docx

Attach.



Client: City of Winnipeg Water and Waste Dept Site: Mc Phillips Pumping Station  
 Building Number(s): 1, 2, 3, 4, 6

## All Data Report

Building #: 1 Building Name: Chlorine Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 8 Location Name: Chlorine Building - Floor: Main-Chlorine Building Room #: Square ft: 1200  
 Chlorine Tonner Room

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	40	(7)		LF	V0001	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0007	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



Client: City of Winnipeg Water and Waste Dept Site: Mc Phillips Pumping Station  
 Building Number(s): 1, 2, 3, 4, 6

## All Data Report

Building #: 1 Building Name: Chlorine Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 9 Location Name: Chlorine Building - Floor: Main-Chlorine Building Room #: Square ft: 300  
 Chlorinator Room

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	45	(7)		LF	V0001	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	S0007	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 1      **Building Name:** Chlorine Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 10      **Location Name:** Chlorine Building - Vestibule      **Floor:** Main-Chlorine Building      **Room #:**      **Square ft:** 40

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



Client: City of Winnipeg Water and Waste Dept Site: Mc Phillips Pumping Station  
 Building Number(s): 1, 2, 3, 4, 6

**All Data Report**

Building #: 1 Building Name: Chlorine Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 11 Location Name: Chlorine Building - Floor: Main-Chlorine Building Room #: Square ft: 160  
 Stairwell

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	5	(7)		EA	V0007	Confirmed Asbestos	Friable
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	20	(7)		LF	V0001	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 2      **Building Name:** Storage Shed      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2013-07-04      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 40      **Location Name:** Storage Shed - Storage Floor: Main-Storage Shed      **Room #:**      **Square ft:** 300  
**Shed**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI		None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Joist	Wood								NINI		None	
Piping	Not Found									NINI		None	
Duct	Exhaust	Not Insulated								NINI		None	
Mechanical Equipment	Not Found									NINI		None	
Other	Not Found									NINI		None	



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 3      **Building Name:** Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Pump Building - Basement      **Floor:** Basement-Pump Building Room #:      **Square ft:** 9000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Ceramic Tiles									NINI	None			
Ceiling	Not Found	N/A									NINI	None			
Walls		Concrete(poured)									NINI	None			
Structure	Beam, Deck	Metal									NINI	None			
Piping one	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	800				%	S0002	None		
Piping one	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)			EA	S0004	Confirmed Asbestos Friable		
Piping	Chilled Water Supply	Parging Cement	Fitting	Canvas	C	Y	14	(7)			EA	V0004	Confirmed Asbestos Friable		
Piping two	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	30	(7)	2	(6)	1	(3)	EA	V0007	Confirmed Asbestos Friable
Piping two	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	240	(7)			LF	V0001	Confirmed Asbestos Friable		
Piping	Chilled Water Return	Parging Cement	Fitting	Canvas	C	Y	24	(7)			EA	V0004	Confirmed Asbestos Friable		
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	C	Y						V0000	None		
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	C	Y						V0000	None		
Duct	Generator Exhaust	Magnesia block	System	Metal	C	Y	145	(7)			LF	S0003	Confirmed Asbestos Friable		
Duct	Fresh Air Intake	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	140	(7)			LF	S0001	Confirmed Asbestos Friable		
Duct	Fresh Air Intake	Parging over Fibreglass	Fitting	Canvas	C	Y	8	(7)			EA	S0005	Confirmed Asbestos Friable		
Mechanical Equipment	Not Found										NINI	None			

**Location continued on next page...**



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

...Location continued from previous page

**Building #:** 3      **Building Name:** Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Pump Building - Basement      **Floor:** Basement-Pump Building Room #:      **Square ft:** 9000

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Other	Not Found										NINI	None	

Note: Damaged fittings in poor conditions especially in the Rain Water Leader needs to be abated.



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 3      **Building Name:** Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 2      **Location Name:** Pump Building - Chlorine Analyzer Room      **Floor:** Main-Pump Building      **Room #:**      **Square ft:** 225

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping two	Heating Water Supply	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	S0006	Confirmed Asbestos	Friable
Piping three	Heating Water Return	Fibreglass	Straight	Canvas	C	Y					NINI	None	
Piping three	Heating Water Return	Parging over Fibreglass	Fitting	Canvas	C	Y	6	(7)		EA	V0006	Confirmed Asbestos	Friable
Piping one	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	2	(7)		EA	V0007	Confirmed Asbestos	Friable
Piping two	Heating Water Supply	Fibreglass	Straight	Canvas	C	Y			3		NINI	None	
Piping one	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	Y	16	(7)		LF	V0001	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



Client: City of Winnipeg Water and Waste Dept      Site: Mc Phillips Pumping Station  
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## All Data Report

Building #: 3      Building Name: Pump Building      Surveyor: Jason Combe      Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01      Reassessment Surveyor: Lambert Cruz  
 Location #: 3      Location Name: Pump Building - Washroom      Floor: Main-Pump Building      Room #:      Square ft: 75

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling		Metal								NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping	Not Found									NIIN	None		
Duct	Not Found									NIIN	None		
Mechanical Equipment	Not Found									NIIN	None		
Other	Not Found									NIIN	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6  
**All Data Report**

**Building #:** 3      **Building Name:** Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 4      **Location Name:** Pump Building - Vestibule/Stairwell      **Floor:** Main-Pump Building      **Room #:**      **Square ft:** 450

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling		Metal								NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping	Rain Water Leader	"Sweat Wrap" Pipe Insulation	Straight	Canvas	C	N	3	(7)		LF	V0001	Confirmed Asbestos	Friable
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y	1	(7)		EA	V0007	Confirmed Asbestos	Friable
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 3      **Building Name:** Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 5      **Location Name:** Pump Building - Control Room      **Floor:** Main-Pump Building      **Room #:**      **Square ft:** 350

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Floor	All	VAT and Mastic Adhesive	Not Applicable	N/A	B	Y	100			%	S0012	None	
Ceiling		Metal								NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping	All	Not Insulated								NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Electrical Panel	Not Insulated								NINI	None		



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**All Data Report**

Building #: 3 Building Name: Pump Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 6 Location Name: Pump Building - Floor: Main-Pump Building Room #: Square ft: 400  
 Electrical Room

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling		Metal								NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping	Not Found									NINI	None		
Piping	Rain Water Leader	Sweatwrap	Straight	Canvas	B	Y	10	(7)	LF	V0001	Confirmed Asbestos	Non-Friable	
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Electrical Panel	Not Insulated								NINI	None		



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**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 3      **Building Name:** Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 7      **Location Name:** Pump Building - Filter      **Floor:** Main-Pump Building      **Room #:**      **Square ft:** 250  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
		Ceramic Tiles										None	
Floor		Concrete(poured)									NINI	None	
Floor		Concrete(poured)										None	
Ceiling		Concrete(poured)		Paint		Y						None	
Ceiling		Metal		Paint							NINI	None	
Ceiling		Concrete(poured)										None	
Walls		Masonry		Paint							NINI	None	
Walls		Masonry										None	
Walls		Concrete(poured)										None	
Structure	Beam, Deck	Metal		Paint							NINI	None	
Structure		Steel										None	
Piping	Chilled Water Supply	Fibreglass	Fitting	Canvas	B	Y	1			EA	V0000	None	
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	B	Y						None	
Piping	Chilled Water Return	Abated Material	Fitting	Canvas	B	Y				EA	V0004	[None]	
Piping	Chilled Water Supply	Abated Material	Fitting	Canvas	B	Y				EA	V0004	[None]	
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	B	Y	7			LF	V0000	None	
Piping	Chilled Water Supply	Fibreglass	Straight	Canvas	B	Y						None	
Piping	Rain Water Leader	Sweatwrap	Straight	Canvas	C	Y	15	(7)		LF	V0001	Confirmed Asbestos	Non-Friable
Piping	Not Found										NINI	None	

Location continued on next page...

## All Data Report

...Location continued from previous page

Building #: 3      Building Name: Pump Building      Surveyor: Jason Combe      Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01      Reassessment Surveyor: Lambert Cruz  
 Location #: 7      Location Name: Pump Building - Filter Room      Floor: Main-Pump Building      Room #:      Square ft: 250

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Piping	Rain Water Leader	Parging Cement	Fitting	Canvas	C	Y	5	(7)		EA	V0007	Confirmed Asbestos	Friable
Piping	Chilled Water Return	Fibreglass	Fitting	Canvas	B	Y	1			EA	V0000	None	
Piping	Chilled Water Return	Fibreglass	Straight	Canvas	B	Y	7			LF	V0000	None	
Duct	Not Found											None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Air Handling Unit	Not Insulated		Fibreglass	B	Y					NINI	None	
Mechanical Equipment	Motor	Not Insulated										None	
Mechanical Equipment	Air Handling Unit	Fibreglass		Canvas	B	Y						None	
Other	Not Found										NINI	None	

## All Data Report

Building #: 4 Building Name: Old Pump Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 13 Location Name: Old Pump Building - Dispatch Floor: Second-Old Pump Room #: Square ft: 1050

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	1050			SF	V0000	None	
Ceiling		Drywall										None	
Ceiling	AT-001	Lay-in ceiling tiles	Surface	N/A	C	Y	1050			SF	S0008	None	
Walls		Drywall										None	
Walls		Transite	Surface		A	Y	480 (7)			SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 14      **Location Name:** Old Pump Building - Office      **Floor:** Second-Old Pump Building      **Room #:**      **Square ft:** 108

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	108				SF	V0000	None	
Ceiling	AT-001	Lay-in ceiling tiles	Surface	N/A	C	Y	108				SF	V0008	None	
Ceiling		Drywall											None	
Walls		Drywall											None	
Structure	Not Accessible											NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 15      **Location Name:** Old Pump Building - Office      **Floor:** Second-Old Pump Building      **Room #:**      **Square ft:** 108

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	108			SF	V0000	None	
Ceiling	AT-001	Lay-in ceiling tiles	Surface	N/A	C	Y	108			SF	V0008	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Not Accessible										NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



Client: City of Winnipeg Water and Waste Dept Site: Mc Phillips Pumping Station  
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**All Data Report**

Building #: 4 Building Name: Old Pump Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 16 Location Name: Old Pump Building - Washroom Floor: Second-Old Pump Room #: Square ft: 85

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	85			SF	V0000	None	
Ceiling		Transite	Surface		A	Y	128	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Ceiling		Drywall										None	
Walls		Drywall										None	
Walls		Transite	Surface		A	Y	352	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Not Accessible										NINI	None	
Piping	Not Found										NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

Building #: 4		Building Name: Old Pump Building		Surveyor: Jason Combe		Survey Date: 2006-05-01							
Reassessment Date: 2014-10-01		Reassessment Surveyor: Lambert Cruz		Location Name: Old Pump Building - Vestibule		Floor: Second-Old Pump Building		Room #: Square ft: 35					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	35			SF	V0000	None	
Ceiling	AT-002	Glued-on ceiling tiles	Surface	N/A	C	Y	35			SF	V0009	None	
Walls		Drywall										None	
Walls		Transite	Surface		A	Y	112 (7)			SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



Client: City of Winnipeg Water and Waste Dept Site: Mc Phillips Pumping Station  
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**All Data Report**

Building #: 4 Building Name: Old Pump Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 18 Location Name: Old Pump Building - Stairwell Floor: Second-Old Pump Room #: Square ft: 70

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Terrazzo									NINI	None		
Ceiling	AT-002	Glued-on ceiling tiles	Surface	N/A	C	Y	70				SF	V0009	None	
Walls		Masonry										NINI	None	
Structure	Deck	Concrete(poured)										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept

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**Building Number(s):** 1, 2, 3, 4, 6

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**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 19      **Location Name:** Old Pump Building - **Floor:** Third-Old Pump Building Room #:      **Square ft:** 120  
**Storage**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

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**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 20      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 70  
**Hallway**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling	AT-002	Glued-on ceiling tiles	Surface	N/A	C	Y	70			SF	V0009	None	
Walls		Masonry								NINI	None		
Walls		Wood								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6  
**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 21      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 105  
**Furnace Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action					Units	Sample	Hazard	Friability	
							Good	Fair	Poor							
Floor		Concrete(poured)										NINI	None			
Ceiling	Not Found											NINI	None			
Walls		Masonry										NINI	None			
Structure	Beam, Deck	Concrete(poured)										NINI	None			
Piping	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	20					LF	V0002	None		
Piping	Rain Water Leader	Parging Cement	Fitting	Canvas	D	N	3	(7)				EA	V0007	Confirmed Asbestos	Friable	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	B	Y	12	(7)	2	(6)	3	(3)	EA	V0004	Confirmed Asbestos	Friable
Duct	Supply Air	Not Insulated										NINI	None			
Duct	Fresh Air Intake	Not Insulated										NINI	None			
Mechanical Equipment	Air Handling Unit	Not Insulated										NINI	None			
Other	Not Found											NINI	None			

Note: Rain Water Leader Pipe at the back of the duct



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 22      **Location Name:** Old Pump Building - Shop      **Floor:** Main-Old Pump Building      **Room #:**      **Square ft:** 1835

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling	All	Lay-in ceiling tiles		Metal	C	N	100	(7)		%	S0011	Confirmed Asbestos	Non-Friable
Ceiling		Metal								NINI	None		
Walls		Plaster	Surface	N/A	A	Y	100			%	S0010	None	
Walls		Masonry								NINI	None		
Structure	Not Accessible									NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 23      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 140  
**Office**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	Carpet	A	Y					NINI	None	
Ceiling		Wood									NINI	None	
Walls		Wood									NINI	None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 24      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 160  
**Office**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	Carpet	A	N	160			SF	V0000	None	
Ceiling		Wood									NINI	None	
Walls		Wood									NINI	None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	

## All Data Report

**Building #: 4**      **Building Name: Old Pump Building**      **Surveyor: Jason Combe**      **Survey Date: 2006-05-01**  
**Reassessment Date: 2014-10-01**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 25**      **Location Name: Old Pump Building - Office**      **Floor: Main-Old Pump Building**      **Room #:**      **Square ft: 170**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	170			SF	V0000	None	
Ceiling		Wood									NINI	None	
Walls		Wood									NINI	None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



Client: City of Winnipeg Water and Waste Dept      Site: Mc Phillips Pumping Station  
 Building Number(s): 1, 2, 3, 4, 6

## All Data Report

Building #: 4      Building Name: Old Pump Building      Surveyor: Jason Combe      Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01      Reassessment Surveyor: Lambert Cruz  
 Location #: 26      Location Name: Old Pump Building - Office      Floor: Main-Old Pump Building Room #:      Square ft: 154

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)	Surface	VAT and Mastic Adhesive	A	Y	154			SF	V9500	None	
Ceiling		Wood									NINI	None	
Walls		Wood									NINI	None	
Structure	Not Found										NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6  
**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 27      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 240  
**Tool Crib**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Wood								NINI	None		
Walls		Masonry								NINI	None		
Structure	Joist	Wood								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 28      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 132  
**Washroom**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Drywall									None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Supply Air	Drywall									None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 29      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 425  
**Locker Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Drywall									None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Exhaust	Not Insulated								NINI	None		
Mechanical Equipment	Fan Unit	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 30      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 200  
**Electrical Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Drywall									None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)									None		
Piping	Not Found									NINI	None		
Duct										NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Electrical Panel	Not Insulated								NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 31      **Location Name:** Old Pump Building - **Floor:** Main-Old Pump Building **Room #:**      **Square ft:** 600  
**Generator Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	600			SF	V0000	None	
Ceiling	Not Found										NINI	None	
Walls		Drywall										None	
Walls		Masonry									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Fresh Air Intake	Not Insulated									NINI	None	
Duct	Exhaust	Not Insulated									NINI	None	
Mechanical Equipment	Generator Unit	Not Insulated										None	
Mechanical Equipment	Generator Unit	Not Insulated										None	
Mechanical Equipment	Generator Unit	Not Insulated									NINI	None	
Other	Electrical Panel	Not Insulated									NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 32      **Location Name:** Old Pump Building - NE Corner Storage Room      **Floor:** Basement-Old Pump Building      **Room #:**      **Square ft:** 100

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 33      **Location Name:** Old Pump Building - Basement      **Floor:** Basement-Old Pump      **Room #:**      **Square ft:** 1650

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 34      **Location Name:** Old Pump Building - **Floor:** Basement-Old Pump      **Room #:**      **Square ft:** 200  
**Storage Room**      **Building**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling		Wood								NINI	None		
Walls		Wood								NINI	None		
Structure	Not Found									NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



Client: City of Winnipeg Water and Waste Dept Site: Mc Phillips Pumping Station  
 Building Number(s): 1, 2, 3, 4, 6

**All Data Report**

Building #: 4 Building Name: Old Pump Building Surveyor: Jason Combe Survey Date: 2006-05-01  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 35 Location Name: Old Pump Building - Floor: Basement-Old Pump Room #: Square ft: 150  
 Record Storage Vault Building

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6  
**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 36      **Location Name:** Old Pump Building - Crawlspace      **Floor:** Basement-Old Pump Building      **Room #:**      **Square ft:** 800

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Dirt										None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Beam, Deck	Concrete(poured)									NINI	None	
Piping	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	D	Y	20			LF	V0002	None	
Piping	Domestic Water (Hot & Cold)	Parging over Fibreglass	Fitting	Canvas	D	Y	5 (7)			EA	V0004	Confirmed Asbestos	Friable
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 37      **Location Name:** Old Pump Building - Hallway      **Floor:** Basement-Old Pump      **Room #:**      **Square ft:** 450

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found										None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 38      **Location Name:** Old Pump Building - Sump Pit Area      **Floor:** Basement-Old Pump      **Room #:**      **Square ft:** 80

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Not Found									NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Mc Phillips Pumping Station  
**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

**Building #:** 4      **Building Name:** Old Pump Building      **Surveyor:** Jason Combe      **Survey Date:** 2006-05-01  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 39      **Location Name:** Old Pump Building - Sump Room      **Floor:** Basement-Old Pump Building      **Room #:**      **Square ft:** 300

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping	Domestic Water (Hot & Cold)	"Sweat Wrap" Pipe Insulation	Straight	Canvas	B	Y	30			LF	V0002	None	
Piping	Domestic Water (Hot & Cold)	Rubber Foam on Metal	Fitting	Canvas	B	Y	5			EA	V0004	None	
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

**All Data Report**

<b>Building #: 6</b>		<b>Building Name: Garage</b>		<b>Surveyor: Jason Combe</b>			<b>Survey Date: 2006-05-01</b>						
<b>Reassessment Date: 2013-07-04</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 12</b>		<b>Location Name: Garage - Garage</b>		<b>Floor: Main-Garage</b>		<b>Room #:</b>		<b>Square ft: 960</b>					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling		Drywall										None	
Walls		Drywall										None	
Structure	Joist	Wood									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept

**Site:** Mc Phillips Pumping Station

**Building Number(s):** 1, 2, 3, 4, 6

## All Data Report

### Legend:

Action		Access		Condition		Sample Number	
(1) Clean Up of ACM Debris	(2) Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3) ACM removal	(4) Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5) Proactive ACM removal (Minimum repair required for fair condition)	(6) ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7) Management program and surveillance		D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
						V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual							Note: Presumed various materials identified in the report are ACM if not sampled.

**Units**

SF - Square feet

LF - Linear feet

EA - Each

% - Percentage



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
Taché Booster Pumping Station  
866 Taché Avenue, Winnipeg, MB  
Pinchin File No.: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the Taché Booster Pumping Station. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for the Taché Booster Pumping Station was dated March 6, 2007. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the Taché Booster Pumping Station where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online.

Updated HMIS data sheets are attached.

Two bulk samples were collected. Please reference the attached lab report Lab ID 1420565.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the Taché Booster Pumping Station. This investigation report will detail changes to the original report only. This report is not intended to be a stand-alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for Taché Booster Pumping Station was completed by Lambert Cruz of Pinchin on September 30, 2014.

Two samples of plaster ceiling finish were collected and determined to be non-asbestos (Samples 0001 A-B & 0002).

### **Mechanical Insulation**

Asbestos-containing parging cement as insulation on a hot water heating tank within Loc.6 storage room has been maintained in GOOD condition.

Asbestos-containing Aircell present as insulation on the hot water heating tank within Loc.6 storage room has also been maintained in GOOD condition.

Based on the findings of our investigation, our recommendations are as noted below:

1. Continued surveillance of all ACMs is required to maintain materials in GOOD condition.

I trust you will find the above in order. Should you have any questions, please call.

### **Pinchin Ltd.**

Prepared by:



W2014-139

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

Reviewed by:



W2014-422

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - Tache Booster - 2014 Survey Update - November 26, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Tache Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Tache Booster</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-01</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft: 80</b>						
<b>Location #: 1</b>		<b>Location Name: Vestibule</b>		<b>Floor: M</b>										
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found	N/A										NINI	None	
Walls		Ceramic Tiles										NINI	None	
Structure	N/A						800					NINI	None	
Piping	Not Found						800					NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found	N/A										NINI	None	
Other	Not Found											NINI	None	

<b>Building #:</b>		<b>Building Name: Tache Booster</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-01</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>				<b>Room #:</b>		<b>Square ft: 150</b>						
<b>Location #: 2</b>		<b>Location Name: Control Room</b>		<b>Floor: M</b>										
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling		Plaster	Surface	Paint	C	Y	100			%		S0003	None	
Walls		Ceramic Tiles										NINI	None	
Structure	Not Found											NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Tache Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: Tache Booster</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-01</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 3</b>		<b>Location Name: Pump Floor</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 6000</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling	Not Found											NINI	None	
Walls		Ceramic Tiles										NINI	None	
Structure	Beam, Deck	Metal										NINI	None	
Piping	Not Found											NINI	None	
Duct	Not Found											NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Electrical Panel	Not Insulated										NINI	None	

<b>Building #:</b>		<b>Building Name: Tache Booster</b>		<b>Surveyor: Jason Combe</b>		<b>Survey Date: 2006-05-01</b>								
<b>Reassessment Date: 2014-09-30</b>		<b>Reassessment Surveyor: Lambert Cruz</b>												
<b>Location #: 4</b>		<b>Location Name: Washroom</b>		<b>Floor: M</b>		<b>Room #:</b>		<b>Square ft: 75</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)										NINI	None	
Ceiling		Plaster	Surface	Paint	C	Y	100			%		S0004	None	
Walls		Ceramic Tiles										NINI	None	
Structure	Not Found											NINI	None	
Piping	Not Found											NINI	None	
Duct	Supply Air	Not Insulated										NINI	None	
Mechanical Equipment	Not Found											NINI	None	
Other	Not Found											NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Tache Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name:</b> Tache Booster		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-05-01							
<b>Reassessment Date:</b> 2014-09-30		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 5		<b>Location Name:</b> Pump Floor		<b>Floor:</b> B		<b>Room #:</b>		<b>Square ft:</b> 6000					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	Not Found										NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Tache Booster Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name:</b> Tache Booster		<b>Surveyor:</b> Jason Combe		<b>Survey Date:</b> 2006-05-01							
<b>Reassessment Date:</b> 2014-09-30		<b>Reassessment Surveyor:</b> Lambert Cruz											
<b>Location #:</b> 6		<b>Location Name:</b> Storage		<b>Floor:</b> B		<b>Room #:</b>		<b>Square ft:</b> 225					
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)									NINI	None	
Ceiling	Not Found										NINI	None	
Walls		Concrete(poured)									NINI	None	
Structure	Deck	Concrete(poured)									NINI	None	
Piping	Not Found										NINI	None	
Duct	FRESH AIR	Not Insulated									NINI	None	
Mechanical Equipment	Heating Water Tank	Aircell	Insulation	Canvas	B	Y	100	(7)		%	S0002	Confirmed Asbestos	Friable
Mechanical Equipment	Heating Water Tank	Fibreglass	Surface	Metal	B	Y	100			%	V0000	None	
Mechanical Equipment	Heating Water Tank	Parging Cement	End	Canvas	B	Y	100	(7)		%	S0001	Confirmed Asbestos	Friable

Note: HWT insulation to be checked - not matching lab results



**Legend:**

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420565

**Analysis ID:** 1420565\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/27/2014

**Project:** 95079,COWWWD,Tache Pumping  
Station, 110-1199 Pacific Ave,  
Winnipeg,MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A - A	Plaster, Location 2, Contol Room, Tache Pumping Station	<b>None Detected</b>		<b>100% Other</b>	Tan Non Fibrous Heterogeneous
1420565PLM_1	tan layer				Crushed
0001A - B	Plaster, Location 2, Contol Room, Tache Pumping Station	<b>None Detected</b>		<b>100% Other</b>	Gray Non Fibrous Heterogeneous
1420565PLM_3	gray layer				Crushed
0002A	Plaster, Location 4, Washroom, Tache Pumping Station	<b>None Detected</b>		<b>100% Other</b>	Gray Non Fibrous Heterogeneous
1420565PLM_2	single layer plaster				Crushed

**Disclaimer:** Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Bobby Wheatley (3)

Analyst

Approved Signatory



November 27, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
W.D. Hurst Pumping Station  
900 Waverley Street, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the W.D. Hurst Pumping Station. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report completed by Pinchin Ltd (Pinchin). The original survey report for the W.D. Hurst Pumping Station was dated March 6, 2007. The results of the original report were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the W.D. Hurst Pumping Station where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected.

HMIS data has been updated online. In addition, location photos depicting ACMs have been uploaded to HMIS.

Updated HMIS data sheets are attached.

No bulk samples were collected.

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the W.D. Hurst Pumping Station. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for W.D. Hurst Pumping Station was completed by Lambert Cruz of Pinchin on October 01, 2014.

## FINDINGS

### Ceiling Tiles

Asbestos cement ceiling tiles located in the Walkway, Landing/Loading Area, Walkway, Pump Room, Custodian Closet and Washroom (Location Nos. 4-6 and 10-12, respectively) are generally maintained in **GOOD** condition with minor amounts rated in **FAIR** and **POOR** condition.

The following materials have been corrected:

Location	Quantity
Walkway (Location No. 4)	approximately 2 square feet of ceiling tile had been removed

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Landing/Loading Area (Location No. 5)	4 square feet of ceiling tile rated in <b>FAIR</b> condition
Walkway (Location No. 6)	3 square feet of ceiling tile rated in <b>FAIR</b> condition
Pump Room (Location No. 10)	2 square feet of ceiling tile rated in <b>FAIR</b> condition
Custodian Closet (Location No. 11)	1 square foot of ceiling tile rated in <b>POOR</b> condition

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below:

1. The damaged asbestos cement ceiling tiles rated in **FAIR** condition do not present a significant health hazard in their current condition. Apply encapsulant, following Type 1 procedures on accessible damaged panels.
2. Replace the damaged ceiling tiles rated in **POOR** condition in the Custodian Closet (Location No. 11).
3. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call 204.452.0983.

### Pinchin Ltd.

Prepared by:



W2014-138

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Environmental Hygiene Group  
[kbrydges@pinchin.com](mailto:kbrydges@pinchin.com)

Reviewed by:



W2014-421

per: Jason Combe  
*Operations Manager*  
Environmental Hygiene Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)

95079 - COWWWD - WD Hurst Pumping Station - 2014 Survey Update - November 26, 2014

Attach.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 1**                      **Location Name:** Main Building -                      **Floor:** Main-Main Building                      **Room #:**                      **Square ft:** 96  
**Vestibule**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling	AT-001 - Bumpy texture with pinholes	N/A	Surface	N/A	C	Y	96			SF	V0001	None	
Walls		Masonry								NINI	None		
Structure	Steel Truss	Metal					800			NINI	None		
Piping	Not Found						800			NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found	N/A								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

<b>Building #:</b>		<b>Building Name: W.D. Hurst Pumping Station</b>		<b>Surveyor: Jason Combes</b>		<b>Survey Date: 2006-05-03</b>							
<b>Reassessment Date: 2014-10-01</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 2</b>		<b>Location Name: Main Building - Office</b>		<b>Floor: Main-Main Building</b>		<b>Room #:</b>		<b>Square ft: 308</b>					
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	308			SF	V0000	None	
Ceiling	AT-001 - Bumpy texture with pinholes	Lay-in ceiling tiles	Surface	N/A	C	Y	308			SF	S0001	None	
Walls		Masonry									NINI	None	
Structure	Steel Truss	Metal									NINI	None	
Piping	Not Found										NINI	None	
Duct	Return Air	Not Insulated									NINI	None	
Duct	Supply Air	Not Insulated									NINI	None	
Mechanical Equipment	Not Found										NINI	None	
Other	Not Found										NINI	None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 3                      **Location Name:** Main Building -                      **Floor:** Main-Main Building                      **Room #:**                      **Square ft:** 1080  
**Electrical Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Steel Truss	Metal									NINI	None		
Piping	Not Found										NINI	None		
Duct	Supply Air	Not Insulated									NINI	None		
Mechanical Equipment	Air Handling Unit	Not Insulated									NINI	None		
Other	Electrical Panel	Not Insulated									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 4                      **Location Name:** Main Building -                      **Floor:** Main-Main Building                      **Room #:**                      **Square ft:** 1500  
**Walkway**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling		Transite	Surface	N/A	C	Y	1498	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Adhesive/mastic	Surface	Cork	B	N				S0007	[None]	Non-Friable	
Walls		Masonry	Surface	Cork	B	Y				NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping	Rain Water Leader	Fibreglass	Fitting	N/A	C	Y				NINI	None		
Piping	Rain Water Leader	Fibreglass	Straight	N/A	C	Y				NINI	None		
Duct	Exhaust	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Electrical Panel	Not Insulated								NINI	None		

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:** 2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 5                      **Location Name:** Main Building -      **Floor:** Main-Main Building      **Room #:**                      **Square ft:** 750  
**Landing/Loading Area**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling		Transite	Surface	N/A	C	Y	746	(7)	4	(7)	SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Masonry	Surface	Cork	B	Y					NINI	None		
Walls		Adhesive/mastic	Surface	Cork	B	N					V0008	[None]	Non-Friable	
Walls		Transite	Surface	N/A	C	Y	100	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Transite	Surface	N/A	C	Y	55	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Structure	Beam, Deck	Metal									NINI	None		
Piping		Not Insulated									NINI	None		
Duct	Generator Exhaust	Metal Over Mag Block			C	Y					LF	V0003	None	
Duct	Generator Exhaust	Metal Over Mag Block			C	Y	40				LF	V0003	None	
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		

Note: 6 asbestos cement ceiling tiles have been placed on the floor







**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 8                      **Location Name:** Main Building -                      **Floor:** Main-Main Building                      **Room #:**                      **Square ft:** 400  
**Chlorine Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Beam, Deck	Metal									NINI	None		
Piping		Not Insulated									NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 9                      **Location Name:** Main Building -                      **Floor:** Main-Main Building                      **Room #:**                      **Square ft:** 2200  
**Chlorine Tonner Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Masonry								NINI	None		
Structure	Beam, Deck	Metal								NINI	None		
Piping		Not Insulated								NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes      **Survey Date:** 2006-05-03  
**Reassessment Date:** 2014-10-01      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 10**      **Location Name:** Main Building - Pump Floor: Basement-Main Building      **Room #:**      **Square ft:** 7700  
**Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Metal									N10000	None		
Floor		Concrete(poured)									NINI	None		
Ceiling		Transite	Surface	N/A	C	Y	5328	(7)	2	(7)	SF	S0006	Confirmed Asbestos Non-Friable	
Walls		Masonry	Surface	Cork	B	Y						NINI	None	
Walls		Transite	Surface	N/A	B	Y	16	(7)			SF	V0006	Confirmed Asbestos Non-Friable	
Walls		Ceramic Tiles										NINI	None	
Walls		Adhesive/mastic	Surface	Cork	B	N						S0009	[None] Non-Friable	
Structure	Deck	Concrete(poured)										NINI	None	
Structure	Beam, Deck	Metal										NINI	None	
Piping		Not Insulated										NINI	None	
Duct	Generator Exhaust	Metal Over Mag Block	System		C	Y	30				LF	S0003	None	
Mechanical Equipment	Pump	Not Insulated										NINI	None	
Mechanical Equipment	Pump	Not Insulated										NINI	None	
Mechanical Equipment	Pump	Not Insulated										NINI	None	
Mechanical Equipment	Generator Unit	Not Insulated										NINI	None	
Mechanical Equipment	Generator Unit	Not Insulated										NINI	None	
Mechanical Equipment	Heating Water Tank	Fibreglass	Surface	Foil Face	B	Y	100				%	V0000	None	
Mechanical Equipment	Pump	Not Insulated										NINI	None	
Mechanical Equipment	Pump	Not Insulated										NINI	None	

Location continued on next page...



Client: City of Winnipeg Water and Waste Dept Site: W.D. Hurst Pumping Station  
 Building Number(s):  
**All Data Report**

...Location continued from previous page

Building #: Building Name: W.D. Hurst Pumping Station Surveyor: Jason Combes Survey Date: 2006-05-03  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 10 Location Name: Main Building - Pump Floor: Basement-Main Building Room #: Square ft: 7700  
 Room

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Mechanical Equipment	Pump	Not Insulated									NINI	None		
Mechanical Equipment	Pump	Not Insulated									NINI	None		
Mechanical Equipment	Pump	Not Insulated									NINI	None		
Other		Glued-on ceiling tiles	Surface	N/A	B	Y	70				SF	S0002	None	

Note: O = Phone Booth

Building #: Building Name: W.D. Hurst Pumping Station Surveyor: Jason Combes Survey Date: 2006-05-03  
 Reassessment Date: 2014-10-01 Reassessment Surveyor: Lambert Cruz  
 Location #: 11 Location Name: Main Building - Custodian Closet Floor: Basement-Main Building Room #: Square ft: 32

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Ceramic Tiles									NINI	None			
Ceiling		Transite	Surface	N/A	C	Y	20	(7)		1	(4)	SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Masonry									NINI	None			
Structure	Beam, Deck	Concrete(poured)	Surface	Cork	C	Y					NINI	None			
Piping		Not Insulated									NINI	None			
Duct	Not Found										NINI	None			
Mechanical Equipment	Not Found										NINI	None			
Other	Not Found										NINI	None			



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 12                      **Location Name:** Main Building -                      **Floor:** Basement-Main Building      **Room #:**                      **Square ft:** 32  
**Washroom**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Ceramic Tiles								NINI	None		
Ceiling		Transite	Surface	N/A	C	Y	32	(7)		SF	V9000	Confirmed Asbestos	Non-Friable
Walls		Ceramic Tiles								NINI	None		
Structure	Beam, Deck	Concrete(poured)	Surface	Cork	C	Y				NINI	None		
Piping		Not Insulated								NINI	None		
Duct	Supply Air	Not Insulated								NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:** 2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 13**                      **Location Name:** Main Building -                      **Floor:** Basement-Main Building      **Room #:**                      **Square ft:** 2200  
**Crawlspace**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Dirt								NINI	[None]	Friable	
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping		Not Insulated								NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:** 2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 14**                      **Location Name:** Main Building - Sub      **Floor:** Sub Basement-Main      **Room #:**                      **Square ft:** 7700  
**Basement**                      **Building**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling	Not Found									NINI	None		
Walls		Concrete(poured)								NINI	None		
Structure	Beam, Deck	Concrete(poured)								NINI	None		
Piping		Not Insulated								NINI	None		
Duct	Not Found									NINI	None		
Mechanical Equipment	Not Found									NINI	None		
Other	Not Found									NINI	None		





**Client:** City of Winnipeg Water and Waste Dept     **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station     **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 16**                      **Location Name:** Drain Pump Building     **Floor:** Main-Drain Pump                      **Room #:**                      **Square ft:** 225

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)								NINI	None		
Ceiling		Wood								NINI	None		
Walls		Masonry	Surface	Wood	B	Y				NINI	None		
Structure	N/A									NINI	None		
Piping		Not Insulated								NINI	None		
Duct	Fresh Air Intake	Not Insulated								NINI	None		
Mechanical Equipment	Pump	Not Insulated								NINI	None		
Other	Not Found									NINI	None		



**Client:** City of Winnipeg Water and Waste Dept      **Site:** W.D. Hurst Pumping Station  
**Building Number(s):**  
**All Data Report**

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 17**                      **Location Name:** North Reservoir                      **Floor:** Main-North Reservoir                      **Room #:**                      **Square ft:** 300  
**Building**                      **Building**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry									NINI	None		
Structure	Deck	Concrete(precast)									NINI	None		
Piping		Not Insulated									NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Electrical Panel	Not Insulated									NINI	None		

**Building #:**                      **Building Name:** W.D. Hurst Pumping Station      **Surveyor:** Jason Combes                      **Survey Date:** 2006-05-03  
**Reassessment Date:**2014-10-01                      **Reassessment Surveyor:** Lambert Cruz  
**Location #: 18**                      **Location Name:** B Pit Building                      **Floor:** Main-B Pit Building                      **Room #:**                      **Square ft:** 150

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)									NINI	None		
Ceiling	Not Found										NINI	None		
Walls		Masonry	Surface	Wood	B	Y					NINI	None		
Structure	Deck	Concrete(precast)									NINI	None		
Piping		Not Insulated									NINI	None		
Duct	Not Found										NINI	None		
Mechanical Equipment	Not Found										NINI	None		
Other	Not Found										NINI	None		



**Legend:**

Action		Access		Condition		Sample Number	
(1) Clean Up of ACM Debris	(2) Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3) ACM removal	(4) Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5) Proactive ACM removal (Minimum repair required for fair condition)	(6) ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7) Management program and surveillance		D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
						V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual							Note: Presumed various materials identified in the report are ACM if not sampled.

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



November 26, 2014

City of Winnipeg  
Water and Waste Department  
110 – 1199 Pacific Avenue  
Winnipeg, MB  
R3E 3S8

**Attention: Ms. Monica Li, E.I.T.**

**Re: 2014 Asbestos Survey Update  
Priority One Lift Stations  
Various Locations, Winnipeg, MB  
Pinchin File: 95079**

This letter is written to discuss our findings during the 2014 asbestos survey update for the Various Locations of Lift/Flood Stations and the Standby Generator Building. This survey update was completed at the request of the City of Winnipeg Water and Waste Department to comply with Provincial asbestos management guidelines.

The survey update was based on information gathered from a previous comprehensive survey report and subsequent survey update reports completed by Pinchin Ltd. The original survey report for the Various Locations of Priority One, Phase 3 and Phase 4 Lift/Flood Stations, Barker Standby Generator Building was dated July 23, 2008, October 21, 2009, May 31, 2010, and October 18, 2010 respectively. The results of the original report and subsequent survey update reports were reviewed prior to completing this survey update.

The survey update included a visual inspection of each room in the various locations of Priority One Lift Stations where the original report had indicated asbestos-containing materials (ACMs) were present. Rooms where no ACMs were reported were not inspected. Facilities that have rooms with ACMs that were inspected include the following:

- Ash Flood Station
- Barker Standby Generator Building
- Barker Lift Station
- Burrows Lift Station
- Clarence Lift Station
- Grandmont Lift Station
- Heritage Lift Station
- King Edward Lift Station
- Mager Lift Station
- Manitoba Lift Station
- Metro Route 90 Lift Station
- Parklane Lift Station
- Pulberry Lift Station
- St. Charles Lift Station
- Tuxedo Lift Station
- Wexford Lift Station

HMIS data has been updated online.

Updated HMIS data sheets are attached.

One bulk sample was collected. Please reference attached Lab ID 1420568

The surveyor proceeded with the investigation to determine the quantity and condition of ACMs in the various locations of Lift/Flood Stations and the Standby Generator Building. This investigation report will detail changes to the original report only. This report is not intended to be a stand alone report, but an addendum to the original report. The original report must be referenced when analyzing this report.

The survey update for the various locations of Lift/Flood Stations and the Standby Generator Building was completed by Lambert Cruz of Pinchin Environmental Ltd. on October 9, 2014.

## FINDINGS

### 1.0 ASH FLOOD STATION

#### Asbestos Cement Siding or Panels (Ceiling or Wall)

Asbestos cement siding or panels that are on the ceilings and walls of the Ash Flood Station are generally maintained in **GOOD** condition except for minor cracks that are rated in **FAIR** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Ash Flood Station – Control/Motor (Location No. 1)	1 square foot of ceiling/roof rated in <b>FAIR</b> condition
Ash Flood Station – Control/Motor (Location No. 1)	2 square feet of soffit rated in <b>FAIR</b> condition

## **2.0 BARKER STANDBY GENERATOR BUILDING**

### **Duct Systems**

The fittings and ends of the generator exhaust within the Barker Standby Generator Building is insulated with a hand applied parging cement coated with a silver paint and is generally maintained in **GOOD** condition.

Analysis of Sample No. 0001 determined the tar (or asphalt) based coating of paper, contains Chrysotile asbestos, which is present over fibreglass on the interior of the generator radiator exhaust duct of the Barker Standby Generator Building. The tar paper is non-friable and has been maintained in **GOOD** condition.

Please reference attached Lab ID1420568

## **3.0 BARKER LIFT STATION**

No asbestos remains within the station.

## **4.0 BURROWS LIFT STATION**

### **Duct Systems**

The fittings and ends of the generator exhaust within the Burrows Lift Station is insulated with a hand applied parging cement coated with a silver paint are generally maintained in **GOOD** condition.

Analysis of Sample No. 0001 determined the tar (or asphalt) based coating of paper, contains Chrysotile asbestos, which is present over fibreglass on the interior of the generator radiator exhaust duct of the Burrows lift station. The tar paper is non-friable and has been maintained in **GOOD** condition.

Please reference attached Lab ID1420568

## **5.0 CLARENCE LIFT STATION**

The ducting within the Clarence Lift Station that are made of asbestos cement transite pipe have been maintained in **GOOD** condition.

## 6.0 GRANDMONT LIFT STATION

### Duct Systems

The fittings and ends of the generator exhaust within the Grandmont Lift Station is insulated with a hand applied parping cement coated with a silver paint are generally maintained in **GOOD** condition.

The following damage was noted during the 2014 update:

Location	Quantity and Condition of Damage
Grandmont Lift Station – Standby Generator Bldg. (Location No. 1)	Approximately 2 square feet of silver mastic rated in <b>FAIR</b> condition

## 7.0 HERITAGE LIFT STATION

The ducting within the Heritage Lift Station that are made of asbestos cement transite pipe have been maintained in **GOOD** condition.

### Asbestos Cement Siding or Panels (Ceiling or Wall)

Asbestos cement siding or panels that are on the ceilings and walls of Heritage Lift Stations are generally maintained in **GOOD** condition.

## 8.0 KING EDWARD LIFT STATION

### Asbestos Cement Siding or Panels (Ceiling or Wall)

Asbestos cement siding or panels that are on the ceilings and walls of the King Edward Lift Station are generally maintained in **GOOD** condition.

## 9.0 MAGER LIFT STATION

### Asbestos Cement Siding or Panels (Ceiling or Wall)

Asbestos cement siding or panels that are on the ceilings and walls of the Mager Lift Station are generally maintained in **GOOD** condition.

## 10.0 MANITOBA LIFT STATION

### Other Asbestos-containing Building Materials (ACMs)

Vermiculite has been previously identified within the preformed blocks of the front wall of the Manitoba Lift Station and was found to be asbestos-containing. Other remaining old walls are assumed to have the same material inside the preformed blocks. No vermiculite debris was observed over the course of our survey.

## **11.0 METRO ROUTE 90 LIFT STATION**

### **Duct Systems**

The fittings and ends of the generator exhaust within the Metro Route 90 Lift Station is insulated with a hand applied paring cement coated with a silver paint are generally maintained in **GOOD** condition.

## **12.0 PARKLANE LIFT STATION**

### **Asbestos Cement Siding or Panels (Ceiling or Wall)**

Asbestos cement siding or panels that are on the ceilings and walls of the Parklane Lift Station are generally maintained in **GOOD** condition.

## **13.0 PULBERRY LIFT STATION**

### **Duct Systems**

The ducting within the Pulberry Lift Station that are made of asbestos cement transite pipe have been maintained in **GOOD** condition.

## **14.0 ST. CHARLES LIFT STATION**

### **Duct Systems**

The ducting within the St. Charles Lift Station that are made of asbestos cement transite pipe have been maintained in **GOOD** condition.

## **15.0 TUXEDO LIFT STATION**

### **Duct Systems**

### **Asbestos Cement Siding or Panels (Ceiling or Wall)**

Asbestos cement siding or panels that are on the ceilings and walls of the Tuxedo Lift Station are generally maintained in **GOOD** condition.

## **16.0 WEXFORD LIFT STATION**

### **Duct Systems**

The ducting within the Wexford Lift Station that are made of asbestos cement transite pipe have been maintained in **GOOD** condition.

## RECOMMENDATIONS

Based on the findings of our investigation, our recommendations are as noted below.

1. Remove Barker Lift Station from the inventory.
2. Remove all the ACMs proactively to address the annual inventory and monitoring required as detailed in the AMP for these facilities.
3. Remove/repair, using canvas and lagging, pipe/duct insulation rated in **FAIR** condition.
4. Remove/repair, following Type 1 procedures, soffit rated in **FAIR** condition.
5. Continued surveillance of all ACMs is required to maintain materials in **GOOD** condition.

I trust you will find the above in order. Should you have any questions, please call.

## Pinchin Ltd.

Prepared by:



W2014-135

per: Ken Brydges, C.E.T, LEED GA  
*Senior Project Technologist*  
Hazardous Materials Group  
kbrydges@pinchin.com

Attach:

95079 - COWWWD - Priority One Lift Stations - 2014 Survey Update - November 26, 2014

Reviewed by:



W2014-418

per: Jason Combe  
*Operations Manager*  
Hazardous Materials Group  
[jcombe@pinchin.com](mailto:jcombe@pinchin.com)



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #:** 2      **Building Name:** Barker Lift Station      **Surveyor:** JYC      **Survey Date:** 2008-03-28  
**Reassessment Date:** 2013-07-04      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Standby Generator      **Floor:** Main      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Wood												None
Ceiling		Wood												None
Walls		Masonry												None
Structure	Not Accessible	N/A												None
Piping	Generator Exhaust	Parging Cement	Fitting	Silver Mastic	B	Y	2			EA	V0000			None
Duct	All	Not Insulated												None
Mechanical Equipment	Generator Unit	Not Insulated												None

Note: 069 Silver Mastic Sampled in Perimeter Lift Station: 0.1 - 1% CH. Magblock Sampled and found to be non-asbestos in other Lift Stations - Data same as data in Barker Standby Generator Bldg #72 - Remove from List - non existing in actual location of Lift Station

**Building #:** 2      **Building Name:** Barker Lift Station      **Surveyor:** JYC      **Survey Date:** 2008-03-28  
**Reassessment Date:** 2013-07-04      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 2      **Location Name:** Lift Station      **Floor:** Main      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling	Not Found													None
Walls		Concrete(poured)												None
Structure	Deck	Concrete(poured)												None
Piping	All	Not Insulated												None
Duct	All	Not Insulated												None
Mechanical Equipment	All	Not Insulated												None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #:** 3      **Building Name:** Burrows Lift Station      **Surveyor:** RMF      **Survey Date:** 2008-03-26  
**Reassessment Date:** 2014-10-10      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Lift Station      **Floor:** Main      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)										None	
Ceiling		Wood										None	
Walls		Masonry										None	
Structure	Not Accessible											None	
Piping	Generator Exhaust	Silver Mastic	Fitting	N/A	B	Y	100	(7)		%	V9000	Confirmed Asbestos	Non-Friable
Piping	Generator Exhaust	Magnesia block	Straight	Metal	B	Y	3			LF	V0000	None	
Piping	Generator Exhaust	Parging Cement	Fitting	Silver Mastic	B	Y	1			EA	S0005	None	
Duct	Not Found											None	
Mechanical Equipment	Generator Unit	Not Insulated										None	
Other	Radiator	Tar	System	N/A	B	N	16	(7)		SF	S0001	Confirmed Asbestos	Non-Friable



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #:** 5      **Building Name:** Grandmont Lift Station      **Surveyor:** JYC      **Survey Date:** 2008-03-25  
**Reassessment Date:** 2014-10-09      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Standby Generator      **Floor:** Main      **Room #:**      **Square ft:**  
**Bldg**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling		Wood												None
Walls		Masonry												None
Structure	Not Accessible	N/A												None
Piping	Generator Exhaust	Magnesia block	Straight	Metal	B	Y	12				LF	V0000		None
Piping	Generator Exhaust	Parging Cement	Fitting	Silver Mastic	B	Y	2				EA	S0001		None
Piping	Generator Exhaust	Silver Mastic	Surface	N/A	B	Y	38	(7)	2	(7)	SF	V9000	Confirmed Asbestos	Non-Friable
Duct	All	Not Insulated												None
Mechanical Equipment	Generator Unit	Not Insulated												None

Note: 069 Silver Mastic Sampled in Perimeter Lift Station: 0.1 - 1% CH. Magblock Sampled and found to be non-asbestos in other Lift Stations



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

**All Data Report**

<b>Building #: 5</b>		<b>Building Name: Grandmont Lift Station</b>		<b>Surveyor: JYC</b>		<b>Survey Date: 2008-03-25</b>									
<b>Reassessment Date: 2014-10-09</b>		<b>Reassessment Surveyor: Lambert Cruz</b>													
<b>Location #: 2</b>		<b>Location Name: Lift Station</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft:</b>							
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>	
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>						
Floor		Concrete(poured)													
Ceiling	Not Found														
Walls		Concrete(poured)													
Structure	Deck	Concrete(poured)													
Piping	All	Not Insulated													
Duct	All	Not Insulated													
Mechanical Equipment	All	Not Insulated													

<b>Building #: 6</b>		<b>Building Name: Heritage Lift Station</b>		<b>Surveyor: JYC</b>		<b>Survey Date: 2008-03-26</b>									
<b>Reassessment Date: 2014-10-09</b>		<b>Reassessment Surveyor: Lambert Cruz</b>													
<b>Location #: 1</b>		<b>Location Name: Lift Station</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft:</b>							
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>				<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>	
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>						
Floor		Concrete(poured)													
Ceiling		Transite	Surface	Paint	C	Y	396	(7)			SF	V9500	Presumed Asbestos	Non-Friable	
Walls		Transite	Surface	Paint	B	Y	1539	(7)			SF	V9500	Presumed Asbestos	Non-Friable	
Structure	Not Accessible	N/A													
Piping	All	Not Insulated													
Duct	Exhaust	Transite	System	Paint	B	Y	15	(7)			LF	V9500	Presumed Asbestos	Non-Friable	
Mechanical Equipment	All	Not Insulated													



Client: City of Winnipeg Water and Waste Dept Site: Lift Stations  
 Building Number(s): 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

Building #: 6 Building Name: Heritage Lift Station Surveyor: JYC Survey Date: 2008-03-26  
 Reassessment Date: 2014-10-09 Reassessment Surveyor: Lambert Cruz  
 Location #: 2 Location Name: Wet Well Floor: Main Room #: Square ft:

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)										None	
Ceiling	All	Transite	Surface	Paint	C	Y	25	(7)		SF	V9500	Presumed Asbestos	Non-Friable
Walls		Transite	Surface	Paint	B	Y	131	(7)		SF	V9500	Presumed Asbestos	Non-Friable
Structure	Deck	Concrete(poured)										None	
Piping	All	Not Insulated										None	
Duct	Exhaust	Abated Material	System	N/A	B	Y				LF	V9500	[None]	
Mechanical Equipment	All	Not Insulated										None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

<b>Building #:</b> 6		<b>Building Name:</b> Heritage Lift Station		<b>Surveyor:</b> JYC			<b>Survey Date:</b> 2008-03-26								
<b>Reassessment Date:</b> 2014-10-09		<b>Reassessment Surveyor:</b> Lambert Cruz													
<b>Location #:</b> 3		<b>Location Name:</b> Valve Room		<b>Floor:</b> Basement Level 3			<b>Room #:</b>		<b>Square ft:</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor	All	Concrete(poured)													None
Ceiling	All	Concrete(poured)													None
Walls	All	Concrete(poured)													None
Structure		Steel													None
Piping	All	Not Insulated													None
Duct	Exhaust	Transite	System	Paint	C	Y	15	(7)			LF	V9500	Presumed Asbestos		Non-Friable
Duct	Exhaust	Transite	Fitting	Paint	C	Y	1	(7)			EA	V9500	Presumed Asbestos		Non-Friable
Mechanical Equipment	Not Found	None Found													None

<b>Building #:</b> 6		<b>Building Name:</b> Heritage Lift Station		<b>Surveyor:</b> JYC			<b>Survey Date:</b> 2008-03-26								
<b>Reassessment Date:</b> 2014-10-09		<b>Reassessment Surveyor:</b> Lambert Cruz													
<b>Location #:</b> 4		<b>Location Name:</b> Pump Room		<b>Floor:</b> basement Level 1			<b>Room #:</b>		<b>Square ft:</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor	All	Concrete(poured)													None
Ceiling	All	Concrete(poured)													None
Walls	All	Concrete(poured)													None
Structure	Not Found	None Found													None
Piping	All	Not Insulated													None
Duct	Exhaust	Transite	System	Paint	C	Y	10	(7)			LF	V9500	Presumed Asbestos		Non-Friable
Mechanical Equipment	Motor	Not Insulated													None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

<b>Building #: 8</b>		<b>Building Name: King Edward Lift Station</b>		<b>Surveyor: RMF</b>		<b>Survey Date: 2008-03-26</b>							
<b>Reassessment Date: 2014-10-10</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 1</b>		<b>Location Name: Lift Station</b>		<b>Floor: Main</b>		<b>Room #:</b>			<b>Square ft:</b>				
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)										None	
Ceiling		Transite	Surface	Paint	C	Y	400	(7)		S	V9000	Confirmed Asbestos	Non-Friable
Walls		Masonry										None	
Structure	Not Accessible											None	
Piping	Generator Exhaust	Not Insulated										None	
Duct	Not Found											None	
Mechanical Equipment	Generator Unit	Not Insulated										None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

Building #: 10		Building Name: Manitoba Lift Station		Surveyor: RMF		Survey Date: 2008-03-26											
Reassessment Date: 2014-10-10		Reassessment Surveyor: Lambert Cruz						Location #: 1		Location Name: Lift Station		Floor: Main		Room #:		Square ft:	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability				
							Good	Fair	Poor								
Floor		Concrete(poured)										None					
Ceiling		Wood										None					
Walls		Wood										None					
Walls	All	Vermiculite	Not Applicable	Preformed Block	B	N	100	(7)		%	V9000	Confirmed Asbestos	Friable				
Structure	Not Accessible											None					
Piping	Generator Exhaust	Abated Material	Fitting	Silver Mastic	B	Y				EA	S0004	None					
Piping	Generator Exhaust	Magnesia block	Straight	Metal	B	Y	3			LF	V0000	None					
Duct	Not Found											None					
Mechanical Equipment	Generator Unit	Not Insulated										None					

Note: Vermiculites were found inside the damaged wall preformed block that was confirmed to be asbestos containing by the COWWWD. Remaining 3 old walls are assumed to have the same vermiculites inside the preformed block.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

<b>Building #:</b> 12		<b>Building Name:</b> Metro Route 90 Lift Station		<b>Surveyor:</b> RMF		<b>Survey Date:</b> 2008-03-26								
<b>Reassessment Date:</b> 2014-10-10		<b>Reassessment Surveyor:</b> Lambert Cruz		<b>Location #:</b> 1		<b>Location Name:</b> Lift Station		<b>Floor:</b> Main		<b>Room #:</b>		<b>Square ft:</b>		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling		Wood												None
Walls		Masonry												None
Structure	Not Accessible													None
Piping	Generator Exhaust	Magnesia block	Straight	Metal	B	Y	3				LF	V0000		None
Piping	Generator Exhaust	Parging Cement	Fitting	Silver Mastic	B	Y	1	(7)			EA	V9000	Confirmed Asbestos	Friable
Duct	Not Found													None
Mechanical Equipment	Generator Unit	Not Insulated												None

<b>Building #:</b> 16		<b>Building Name:</b> Parklane Lift Station		<b>Surveyor:</b> RMF		<b>Survey Date:</b> 2008-03-26								
<b>Reassessment Date:</b> 2014-10-10		<b>Reassessment Surveyor:</b> Lambert Cruz		<b>Location #:</b> 1		<b>Location Name:</b> Lift Station		<b>Floor:</b> Main		<b>Room #:</b>		<b>Square ft:</b>		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		Concrete(poured)												None
Ceiling		Transite	Surface	Paint	C	Y	300	(7)			S	V9000	Confirmed Asbestos	Non-Friable
Walls		Masonry												None
Structure	Not Accessible													None
Piping	Generator Exhaust	Not Insulated												None
Duct	Not Found													None
Mechanical Equipment	Generator Unit	Not Insulated												None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

<b>Building #: 19</b>		<b>Building Name: Pulberry Lift Station</b>		<b>Surveyor: JYC</b>			<b>Survey Date: 2008-03-25</b>								
<b>Reassessment Date: 2014-10-09</b>		<b>Reassessment Surveyor: Lambert Cruz</b>													
<b>Location #: 1</b>		<b>Location Name: Lift Station</b>		<b>Floor: Main</b>			<b>Room #:</b>		<b>Square ft:</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)												None	
Ceiling		Wood												None	
Walls		Wood												None	
Structure	Not Accessible													None	
Piping	Exhaust	Transite	System	N/A	B	Y	12	(7)			LF	V9500		Presumed Asbestos	Non-Friable
Duct	All	Not Insulated												None	
Mechanical Equipment	All	Not Insulated												None	

<b>Building #: 22</b>		<b>Building Name: St. Charles Lift Station</b>		<b>Surveyor: JYC</b>			<b>Survey Date: 2008-03-26</b>								
<b>Reassessment Date: 2014-10-09</b>		<b>Reassessment Surveyor: Lambert Cruz</b>													
<b>Location #: 1</b>		<b>Location Name: Lift Station</b>		<b>Floor: Main</b>			<b>Room #:</b>		<b>Square ft: 150</b>						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability	
							Good	Fair	Poor						
Floor		Concrete(poured)												None	
Ceiling		Wood												None	
Walls		Wood												None	
Structure	Not Accessible						800							None	
Piping	All	Not Insulated					800							None	
Duct	Exhaust	Transite	All Pipe	N/A	B	Y	50	(7)			LF	V9500		Presumed Asbestos	Non-Friable
Mechanical Equipment	Not Found													None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

**All Data Report**

<b>Building #: 23</b>		<b>Building Name: Tuxedo Lift Station</b>		<b>Surveyor: JYC</b>			<b>Survey Date: 2008-03-26</b>						
<b>Reassessment Date: 2014-10-09</b>		<b>Reassessment Surveyor: Lambert Cruz</b>											
<b>Location #: 1</b>		<b>Location Name: Lift Station</b>		<b>Floor: Main</b>		<b>Room #:</b>		<b>Square ft: 600</b>					
<b>System</b>	<b>Component</b>	<b>Material</b>	<b>Item</b>	<b>Covering</b>	<b>Access</b>	<b>Visible</b>	<b>Condition, Quantity &amp; Action</b>			<b>Units</b>	<b>Sample</b>	<b>Hazard</b>	<b>Friability</b>
							<b>Good</b>	<b>Fair</b>	<b>Poor</b>				
Floor		Concrete(poured)										None	
Ceiling		Transite	Surface	Paint	C	Y	600	(7)		SF	V9500	Presumed Asbestos	Non-Friable
Walls		Masonry										None	
Walls		Transite	Surface	Paint	A	Y	200	(7)		SF	V9500	Presumed Asbestos	Non-Friable
Structure	Steel Truss	Wood										None	
Piping	All	Not Insulated										None	
Duct	All	Not Insulated										None	
Mechanical Equipment	All	Not Insulated										None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #: 27**      **Building Name: Ash Flood Station**      **Surveyor: LSC**      **Survey Date: 2009-09-17**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 1**      **Location Name: Control/Motor Room**      **Floor: Main**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)										None	
Ceiling	Not Found	N/A										None	
Ceiling	Roof	Transite	Surface	None Found	C	Y	1428	(7)	1	(7)	SF	V9500	Presumed Asbestos Non-Friable
Walls		Clay Tile (block)										None	
Walls		Wood										None	
Walls		Concrete(poured)										None	
Structure	Beam	Steel										None	
Piping	All	Not Insulated										None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Motor	Not Insulated										None	
Other	Soffit	Transite	Surface	Paint	C	Y	90	(7)	2	(7)	SF	V9500	Presumed Asbestos Non-Friable



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #: 27**      **Building Name: Ash Flood Station**      **Surveyor: LSC**      **Survey Date: 2009-09-17**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 2**      **Location Name: Pump Room**      **Floor: Basement Level 1**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)										None	
Ceiling	All	Styrofoam										None	
Walls		Styrofoam										None	
Walls		Concrete(poured)										None	
Structure	Column	Concrete(poured)										None	
Piping	All	Not Insulated										None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Motor	Not Insulated										None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #: 45**      **Building Name: Mager Lift Station**      **Surveyor: LSC**      **Survey Date: 2009-09-17**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 1**      **Location Name: Control Room**      **Floor: Main**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)										None	
Floor		Steel										None	
Ceiling	All	Plaster	Surface	Paint	C	Y						None	
Ceiling	All	Transite	Surface	Drywall and joint compound	C	N	3	(7)		SF	V9500	[Confirmed Asbestos]	Non-Friable
Walls		Styrofoam										None	
Walls		Clay Tile (block)										None	
Structure		Steel										None	
Piping	Not Found	None Found										None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Not Found	None Found										None	

Note: Approximately 3 square feet of transite panel that are pinned in between the concrete wall and wooden jamb near the corner of the door that are already covered with the new ceiling.



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #: 45**      **Building Name: Mager Lift Station**      **Surveyor: LSC**      **Survey Date: 2009-09-17**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 2**      **Location Name: Comminuter Chamber Floor: Basement Level 3**      **Room #:**      **Square ft:**  
**Access Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Steel										None	
Floor		Concrete(poured)										None	
Floor		Wood										None	
Ceiling	All	Concrete(poured)										None	
Walls		Concrete(poured)										None	
Walls		Styrofoam										None	
Structure	Not Found	None Found										None	
Piping	Not Found	None Found										None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Not Found	None Found										None	



Client: City of Winnipeg Water and Waste Dept Site: Lift Stations  
 Building Number(s): 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

**All Data Report**

Building #: 45 Building Name: Mager Lift Station Surveyor: LSC Survey Date: 2009-09-17  
 Reassessment Date: 2014-10-09 Reassessment Surveyor: Lambert Cruz  
 Location #: 3 Location Name: Motor Room Floor: Basement Level 2 Room #: Square ft:

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)											None
Floor		Steel											None
Ceiling		Steel											None
Ceiling		Concrete(poured)											None
Walls	All	Concrete(poured)											None
Structure	All	Concrete(poured)											None
Piping	All	Not Insulated											None
Duct	Supply Air	Not Insulated											None
Mechanical Equipment	Motor	Not Insulated											None



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #:** 45      **Building Name:** Mager Lift Station      **Surveyor:** LSC      **Survey Date:** 2009-09-17  
**Reassessment Date:** 2014-10-09      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 4      **Location Name:** Pump Room      **Floor:** Basement Level 1      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)										None	
Ceiling		Steel										None	
Ceiling		Concrete(poured)										None	
Walls	All	Concrete(poured)										None	
Structure	Not Found	None Found										None	
Piping	All	Not Insulated										None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Motor	Not Insulated										None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #: 45**      **Building Name: Mager Lift Station**      **Surveyor: LSC**      **Survey Date: 2009-09-17**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 5**      **Location Name: Mager Storage**      **Floor: Main**      **Room #:**      **Square ft: 100**  
**House/Room**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)											None
Ceiling	Not Found	None Found											None
Walls		Masonry											None
Walls		Plaster	Surface	N/A	B	Y	100		%	S0001			None
Walls	All	Texture Coat	Surface	N/A	A	Y	100		%	S0002			None
Structure	All	Wood											None
Piping	All	Polyvinyl chloride (PVC)	System		B	Y							None
Duct	Not Found	None Found											None
Mechanical Equipment	Not Found	None Found											None

Note: Texture Coat is from outside wall and plaster wall from inside wall



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #: 56**      **Building Name: Clarence Lift Station**      **Surveyor: LSC**      **Survey Date: 2010-05-03**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 1**      **Location Name: Control Room**      **Floor: Main Floor**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)										None	
Ceiling	All	Wood	Surface	Paint	C	Y						None	
Walls	All	Clay Tile (block)	Surface	Preformed Block	A	Y						None	
Walls	All	Wood	Surface	Paint	A	Y						None	
Walls	All	Preformed Block	Surface	Wood	A	Y						None	
Structure	Not Found	None Found										None	
Piping	All	Steel	All Pipe	Not Insulated	B	Y						None	
Duct	Supply Air	Transite	Straight	Paint	B	Y	10	(7)		LF	V9000	Confirmed Asbestos	Non-Friable
Duct	Return Air	Transite	Straight	Paint	B	Y	10	(7)		LF	V9000	Confirmed Asbestos	Non-Friable
Duct	Supply Air	Transite	Fitting	Paint	B	Y	1	(7)		EA	V9000	Confirmed Asbestos	Non-Friable
Mechanical Equipment	Motor	Steel	System	Not Insulated	B	Y						None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

<b>Building #: 56</b>		<b>Building Name: Clarence Lift Station</b>		<b>Surveyor: LSC</b>			<b>Survey Date: 2010-05-03</b>									
<b>Reassessment Date: 2014-10-09</b>		<b>Reassessment Surveyor: Lambert Cruz</b>			<b>Location #: 2</b>			<b>Location Name: Pump/Motor Room</b>			<b>Floor: Basement Level 1</b>		<b>Room #:</b>		<b>Square ft:</b>	
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability			
							Good	Fair	Poor							
Floor	All	Concrete(poured)	Surface	Paint	B	Y						None				
Ceiling		Styrofoam	Surface	Paint	B	Y						None				
Ceiling	All	Concrete(poured)	Surface	Styrofoam	B	Y						None				
Walls	All	Concrete(poured)	Surface	Styrofoam	B	Y						None				
Walls		Styrofoam	Surface	Paint	B	Y						None				
Piping	Rain Water Leader	Steel	All Pipe	Not Insulated	B	Y						None				
Piping	Domestic Water (Hot & Cold)	Polyvinyl chloride (PVC)	All Pipe	Not Insulated	B	Y						None				
Duct	Return Air	Transite	Straight	Paint	C	Y	20	(7)		LF	V9000	Confirmed Asbestos	Non-Friable			
Duct	Return Air	Transite	Fitting	Paint	C	Y	2	(7)		EA	V9000	Confirmed Asbestos	Non-Friable			
Mechanical Equipment	Motor Generator	Steel	System	Not Insulated	B	Y						None				



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #:** 63      **Building Name:** Wexford Lift Station      **Surveyor:** LSC      **Survey Date:** 2012-05-24  
**Reassessment Date:** 2014-10-09      **Reassessment Surveyor:** Lambert Cruz  
**Location #:** 1      **Location Name:** Control Room      **Floor:** Main Floor      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)	Surface	Paint	B	Y						None	
Floor		Steel	Surface	Paint	B	Y						None	
Ceiling		Steel	Surface		C	Y						None	
Ceiling	All	Drywall	Surface	Paint	C	Y						None	
Walls	All	Clay Tile (block)	Surface		B	Y						None	
Walls	All	Masonry	Surface	Paint	B	Y						None	
Structure	All	Steel	Surface	Paint	C	Y						None	
Piping	Not Found	None Found										None	
Duct	Supply Air	Steel	System	Not Insulated	B	Y						None	
Duct	Return Air	Transite	Straight	Paint	B	Y	6	(7)		LF	V9000	Confirmed Asbestos	Non-Friable
Mechanical Equipment	Fan Unit	Steel	System	Not Insulated	B	Y						None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

**All Data Report**

**Building #: 63**      **Building Name: Wexford Lift Station**      **Surveyor: LSC**      **Survey Date: 2012-05-24**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 2**      **Location Name: Commuter Dry Well**      **Floor: Basement Level 1**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor	All	Concrete(poured)	Surface		B	Y							None	
Ceiling	All	Concrete(poured)	Surface		C	Y							None	
Walls	All	Concrete(poured)	Surface		B	Y							None	
Structure	All	Concrete(poured)	Surface		C	Y							None	
Piping	Rain Water Leader	Steel	All Pipe	Not Insulated	B	Y							None	
Duct	Not Found	None Found											None	
Mechanical Equipment	Motor Generator	Steel	System	Not Insulated	B	Y							None	

**Building #: 63**      **Building Name: Wexford Lift Station**      **Surveyor: LSC**      **Survey Date: 2012-05-24**  
**Reassessment Date: 2014-10-09**      **Reassessment Surveyor: Lambert Cruz**  
**Location #: 3**      **Location Name: Pump/Motor Room**      **Floor: Basement Level 1**      **Room #:**      **Square ft:**

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor	All	Concrete(poured)	Surface		B	Y							None	
Ceiling	All	Concrete(poured)	Surface		C	Y							None	
Walls	All	Concrete(poured)	Surface		B	Y							None	
Structure	All	Steel	Surface	Paint	C	Y							None	
Piping	Rain Water Leader	Steel	All Pipe	Not Insulated	B	Y							None	
Duct	Supply Air	Steel	System	Not Insulated	B	Y							None	
Mechanical Equipment	Motor Generator	Steel	System	Not Insulated	B	Y							None	



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

**Building #:** 72      **Building Name:** Barker Standby Generator      **Surveyor:** LSC      **Survey Date:** 2010-09-17  
**Building**

**Reassessment Date:** 2014-10-09      **Reassessment Surveyor:** Lambert Cruz

**Location #:** 1      **Location Name:** Generator Room      **Floor:** Main      **Room #:**      **Square ft:** 97

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
		Fibreglass	Straight	Tar Paper	B	Y						None	
		Tar Paper		Tar Paper	B	Y	12	(7)		SF	S0004	Confirmed Asbestos	Non-Friable
Floor	All	Concrete(poured)	Surface	Paint	B	Y						None	
Ceiling	All	Wood	Surface	Paint	C	Y						None	
Ceiling	All	Steel	Surface	Paint	C	Y						None	
Walls	All	Wood	Surface	Paint	B	Y						None	
Walls	All	Masonry	Surface	N/A	A	Y						None	
Structure	Not Found	N/A										None	
Piping	Radiator	Rubber	Joint	N/A	B	Y						None	
Piping	Generator Exhaust	Parging Cement	Fitting	Silver Mastic	B	Y	2			EA	V0000	None	
Piping	Radiator	Steel	All Pipe	Not Insulated	B	Y						None	
Piping	Generator Exhaust	Magnesia block	Straight	Metal	B	Y	12			LF	V0000	None	
Piping	Generator Exhaust	Silver Mastic	Surface	N/A	B	Y	100	(7)		%	V9000	Confirmed Asbestos	Non-Friable
Duct	Radiator	Steel	Straight	Fibreglass	B	Y						None	
Duct	Radiator	Textile	Joint	N/A	B	Y	8			LF	S0005	None	
Mechanical Equipment	Generator Exhaust	Parging Cement	Fitting	Steel	B	Y	2			LF	S0002	None	
Mechanical Equipment	Fan Unit	Steel	System	Paint	C	Y						None	
Mechanical Equipment	Generator Unit	Steel	System	Paint	B	Y						None	
Mechanical Equipment	Generator Exhaust	Magnesia block	Straight	Steel	C	Y	7			LF	S0003	None	

Location continued on next page...



Client: City of Winnipeg Water and Waste Dept Site: Lift Stations  
 Building Number(s): 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

## All Data Report

...Location continued from previous page

Building #: 72 Building Name: Barker Standby Generator Surveyor: LSC Survey Date: 2010-09-17

Building

Reassessment Date: 2014-10-09

Reassessment Surveyor: Lambert Cruz

Location #: 1

Location Name: Generator Room

Floor: Main

Room #:

Square ft: 97

System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Mechanical Equipment	Generator Unit	Not Insulated											None

Note: 069 Silver Mastic Sampled in Perimeter Lift Station: 0.1 - 1% CH. Magblock Sampled and found to be non-asbestos in other Lift Stations



**Client:** City of Winnipeg Water and Waste Dept      **Site:** Lift Stations  
**Building Number(s):** 2, 3, 5, 6, 8, 10, 12, 16, 19, 22, 23, 27, 45, 56, 63, 72

**All Data Report**

**Legend:**

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S###
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is visually identified to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

**Units**                                      SF - Square feet                                      LF - Linear feet                                      EA - Each                                      % - Percentage



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin Ltd.  
54 Terracon Place  
Winnipeg MB R2J 4G7

**Attn:** Lambert Cruz  
Jason Combe

**Lab Order ID:** 1420567

**Analysis ID:** 1420567\_PLM

**Date Received:** 10/22/2014

**Date Reported:** 10/27/2014

**Project:** 95079,COWWWD,Burrows Lift  
Station,110-1199 Pacific  
Ave,Winnipeg,MB

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Black Tar Mastic Paper, Generator Exhaust Duct, Burrows Lift Station	5% Chrysotile	5% Fiber Glass	90% Other	Black Non Fibrous Heterogeneous
1420567PLM_1					Dissolved

**Disclaimer:** Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Bobby Wheatley (1)

Analyst

Approved Signatory